

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
 Data File : BF113884.D
 Acq On : 22 Apr 2019 18:13
 Operator : JU/SJ
 Sample : SSTDCCC40
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC40

Quant Time: Apr 23 03:54:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181664	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	716135	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	382022	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	764939	20.00	ng	0.00
76) Chrysene-d12	14.07	240	613764	20.00	ng	0.00
87) Perylene-d12	15.56	264	500018	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	855747	80.57	ng	0.00
7) Phenol-d6	6.52	99	1082783	81.25	ng	0.00
23) Nitrobenzene-d5	7.46	82	984948	84.92	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	398726	85.68	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1918899	78.56	ng	0.00
79) Terphenyl-d14	13.00	244	2331144	77.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	202102	40.365	ng	96
3) Pyridine	3.46	79	539539	39.479	ng	99
4) n-Nitrosodimethylamine	3.40	42	187798	40.143	ng	95
6) Aniline	6.56	93	739542	40.415	ng	99
8) 2-Chlorophenol	6.69	128	493737	40.716	ng	95
9) Benzaldehyde	6.45	77	310895	41.648	ng	94
10) Phenol	6.53	94	652513	40.949	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	482203	40.214	ng	99
12) 1,3-Dichlorobenzene	6.84	146	559555	40.742	ng	99
13) 1,4-Dichlorobenzene	6.92	146	556187	40.263	ng	99
14) 1,2-Dichlorobenzene	7.07	146	520166	40.973	ng	99
15) Benzyl Alcohol	7.03	79	375643	41.855	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	561724	40.130	ng	94
17) 2-Methylphenol	7.15	107	430051	40.458	ng	98
18) Hexachloroethane	7.42	117	196330	40.544	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	347410	40.258	ng	99
20) 3+4-Methylphenols	7.30	107	499159	41.563	ng	# 86
22) Acetophenone	7.30	105	646877	40.591	ng	96
24) Nitrobenzene	7.47	77	539236	42.076	ng	100
25) Isophorone	7.72	82	958555	40.390	ng	100
26) 2-Nitrophenol	7.79	139	260300	44.521	ng	97
27) 2,4-Dimethylphenol	7.83	122	387897	40.721	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	616727	40.782	ng	99
29) 2,4-Dichlorophenol	8.03	162	447223	41.056	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	494575	40.720	ng	98
31) Naphthalene	8.20	128	1388383	40.810	ng	99
32) Benzoic acid	7.95	122	204629	31.810	ng	100
33) 4-Chloroaniline	8.25	127	583685	40.547	ng	97
34) Hexachlorobutadiene	8.32	225	309887	40.928	ng	99
35) Caprolactam	8.62	113	139948	40.387	ng	94
36) 4-Chloro-3-methylphenol	8.72	107	440393	40.808	ng	99
37) 2-Methylnaphthalene	8.89	142	934631	40.740	ng	98
38) 1-Methylnaphthalene	8.99	142	910339	41.113	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	501637	40.424	ng	100

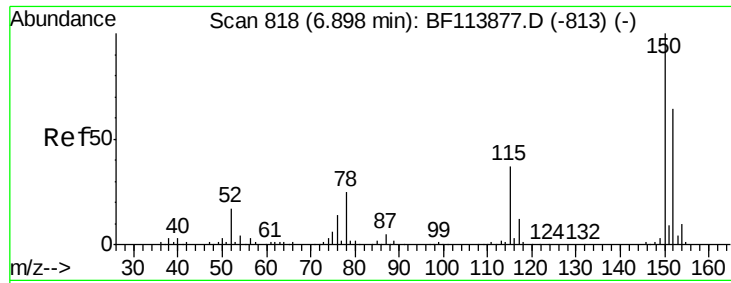
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	275643	39.833	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	323977	41.115	ng	97
44) 2,4,5-Trichlorophenol	9.20	196	363377	41.113	ng	98
46) 1,1'-Biphenyl	9.36	154	1184227	40.578	ng	98
47) 2-Chloronaphthalene	9.38	162	967599	40.771	ng	99
48) 2-Nitroaniline	9.47	65	270060	43.408	ng	94
49) Acenaphthylene	9.80	152	1511819	40.691	ng	100
50) Dimethylphthalate	9.66	163	1123237	40.655	ng	99
51) 2,6-Dinitrotoluene	9.71	165	261045	44.041	ng	91
52) Acenaphthene	9.97	154	901667	41.065	ng	99
53) 3-Nitroaniline	9.88	138	266921	42.854	ng	95
54) 2,4-Dinitrophenol	9.98	184	103961	44.642	ng	# 22
55) Dibenzofuran	10.14	168	1355856	41.223	ng	98
56) 4-Nitrophenol	10.03	139	216926	43.987	ng	99
57) 2,4-Dinitrotoluene	10.12	165	342040	45.718	ng	95
58) Fluorene	10.48	166	1006544	40.648	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	318824	41.048	ng	99
60) Diethylphthalate	10.35	149	1085800	41.385	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	536094	40.879	ng	97
62) 4-Nitroaniline	10.49	138	262064	43.115	ng	97
63) Azobenzene	10.63	77	1040353	40.913	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	149631	43.488	ng	92
66) n-Nitrosodiphenylamine	10.59	169	916118	39.914	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	373966	40.469	ng	96
68) Hexachlorobenzene	11.03	284	409635	40.340	ng	99
69) Atrazine	11.12	200	300867	40.296	ng	99
70) Pentachlorophenol	11.22	266	242883	42.245	ng	97
71) Phenanthrene	11.45	178	1565402	40.721	ng	100
72) Anthracene	11.50	178	1574593	40.561	ng	99
73) Carbazole	11.65	167	1419253	40.979	ng	100
74) Di-n-butylphthalate	11.97	149	1659403	40.731	ng	100
75) Fluoranthene	12.63	202	1688394	40.256	ng	98
77) Benzdine	12.75	184	865974	47.353	ng	99
78) Pyrene	12.86	202	1691465	39.408	ng	100
80) Butylbenzylphthalate	13.47	149	674797	39.959	ng	99
81) Benzo(a)anthracene	14.06	228	1452886	40.177	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	558456	42.134	ng	99
83) Chrysene	14.09	228	1420050	40.321	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	874578	40.705	ng	100
85) Di-n-octyl phthalate	14.68	149	1379178	41.010	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	1166756	34.975	ng	98
88) Benzo(b)fluoranthene	15.13	252	1277730	40.389	ng	100
89) Benzo(k)fluoranthene	15.16	252	1147662	42.174	ng	99
90) Benzo(a)pyrene	15.50	252	1104030	40.347	ng	98
91) Dibenzo(a,h)anthracene	17.07	278	959382	37.350	ng	99
92) Benzo(g,h,i)perylene	17.50	276	947841	36.565	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

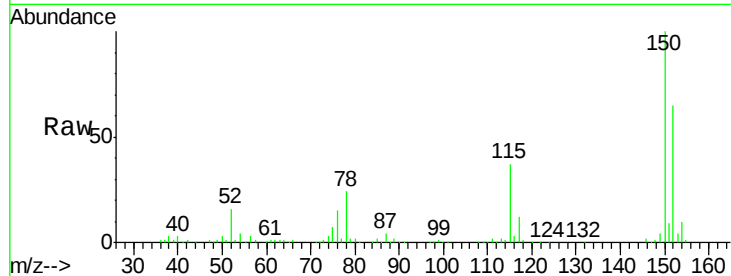


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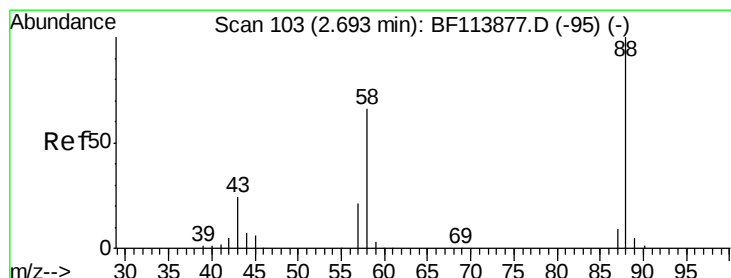
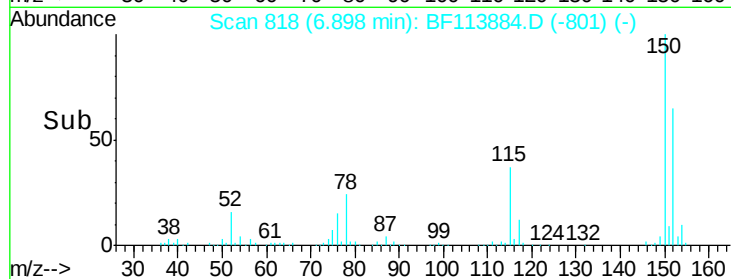
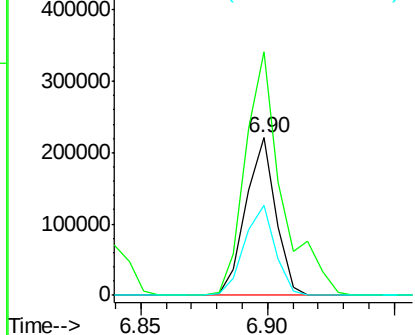
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 181664
Ion Ratio Lower Upper
152 100
150 154.6 125.9 188.9
115 56.9 45.9 68.9



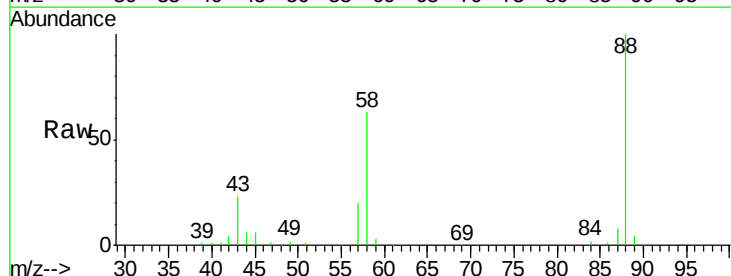
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



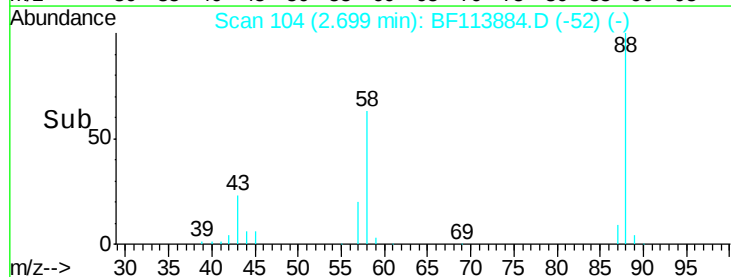
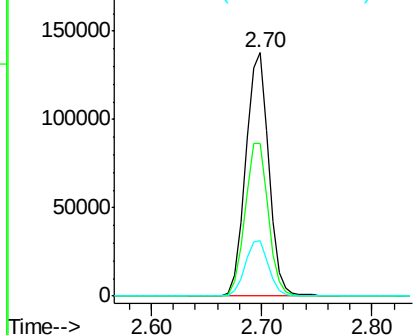
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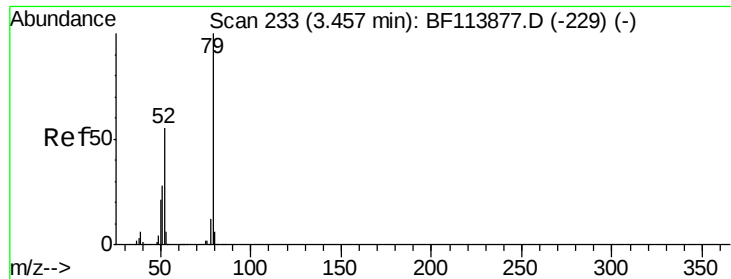
1,4-Dioxane
Concen: 40.365 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion: 88 Resp: 202102
Ion Ratio Lower Upper
88 100
58 63.1 53.3 79.9
43 23.0 19.0 28.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

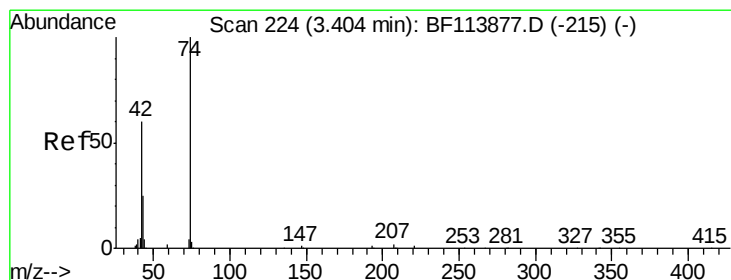
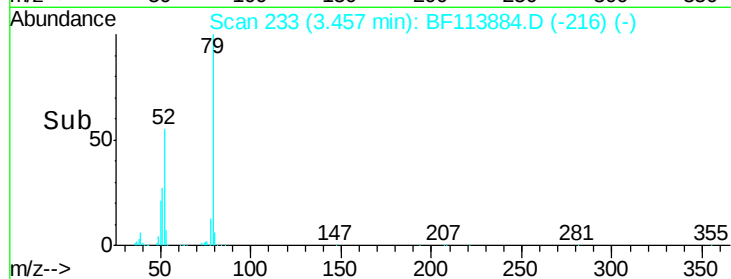
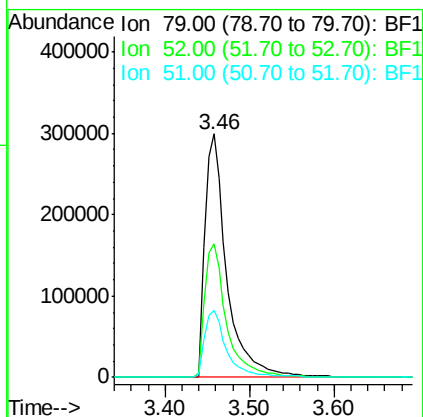
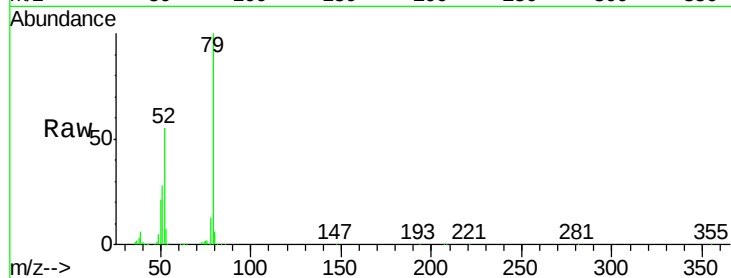




#3
 Pvridine
 Concen: 39.479 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

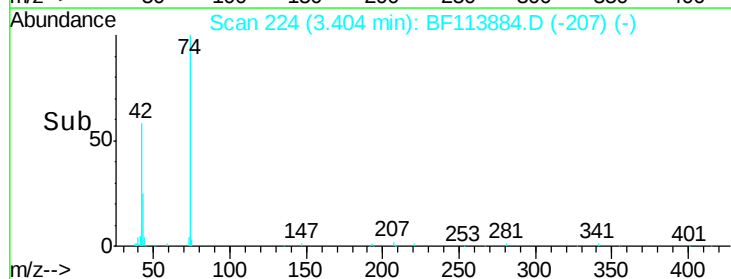
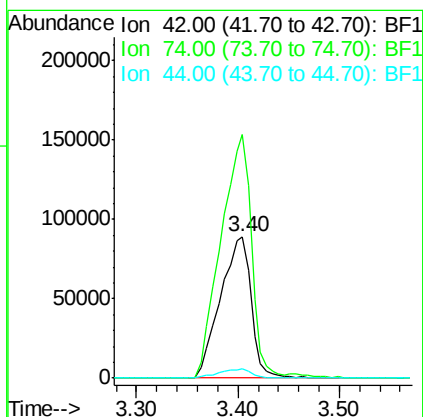
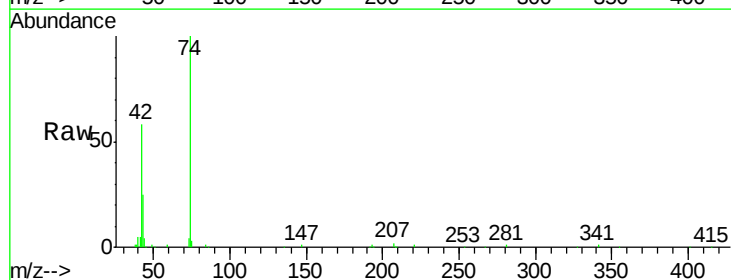
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

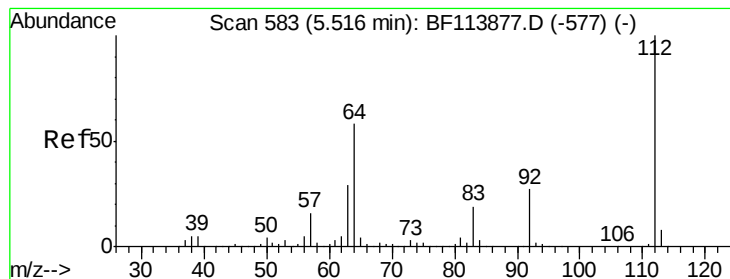
Tot Ion: 79 Resp: 539539
 Ion Ratio Lower Upper
 79 100
 52 55.1 45.3 67.9
 51 27.6 22.1 33.1



#4
 n-Nitrosodimethylamine
 Concen: 40.143 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion: 42 Resp: 187798
 Ion Ratio Lower Upper
 42 100
 74 172.1 132.6 198.8
 44 6.3 5.8 8.8

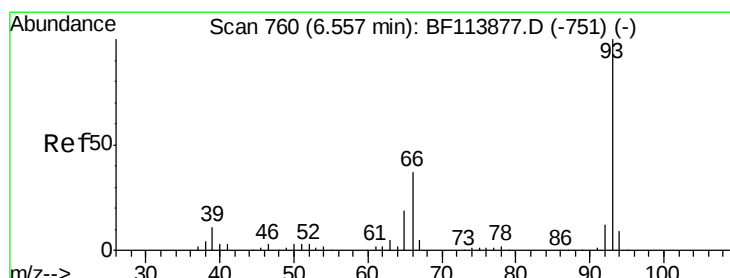
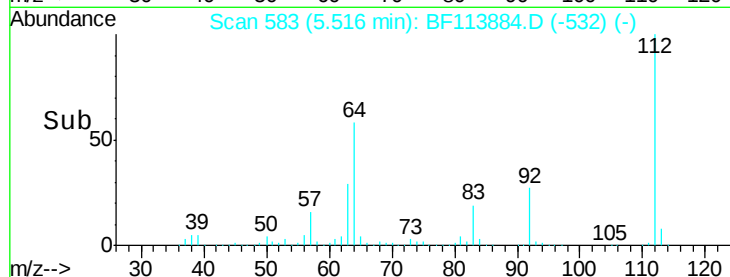
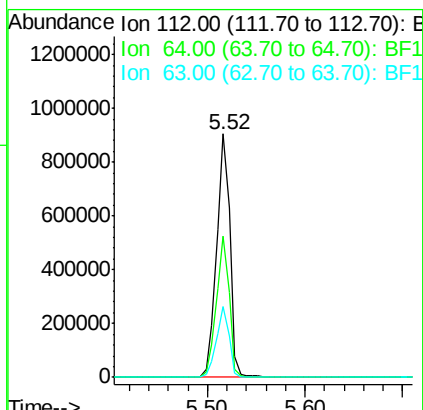
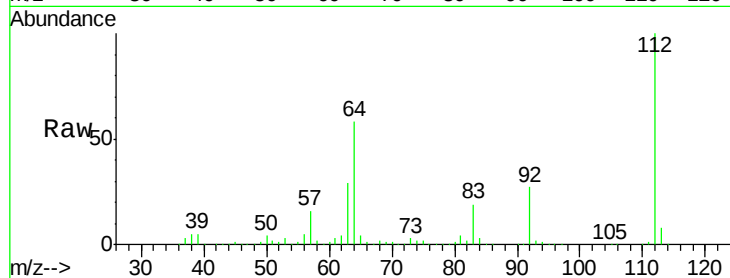




#5
 2-Fluorophenol
 Concen: 80.568 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

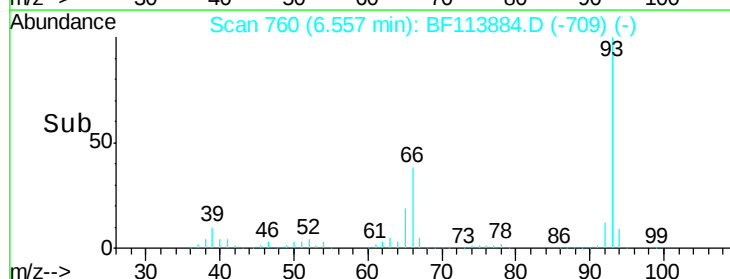
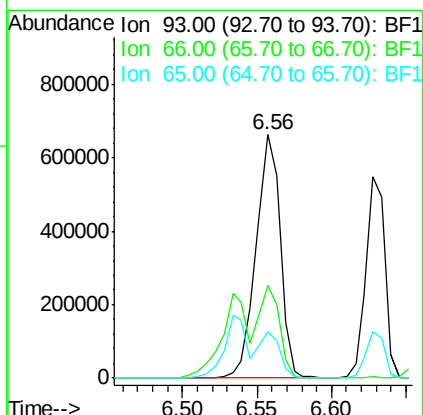
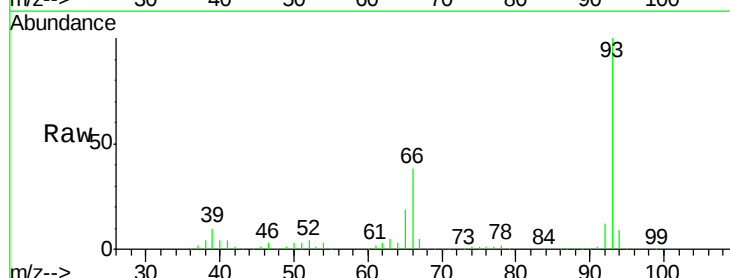
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

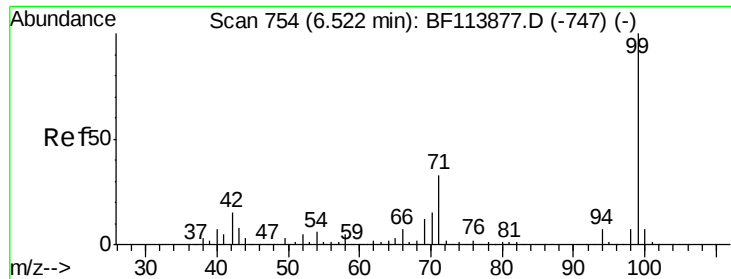
Tot Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.6	69.8
63	28.9	23.1	34.7



#6
 Aniline
 Concen: 40.415 ng
 RT: 6.56 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.9	29.8	44.6
65	19.2	14.9	22.3





#7

Phenol-d6

Concen: 81.254 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

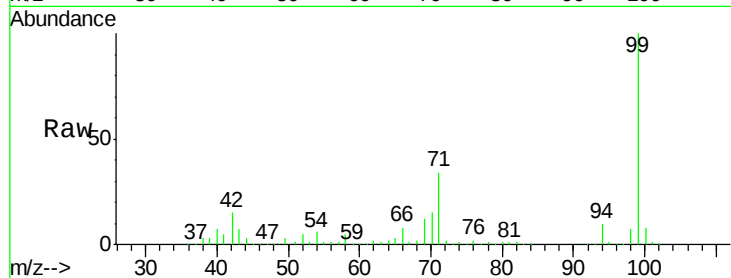
Tot Ion: 99 Resp: 1082783

Ion Ratio Lower Upper

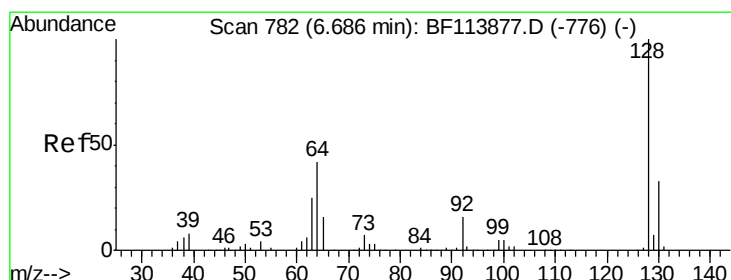
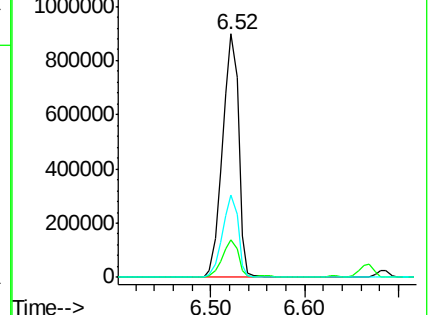
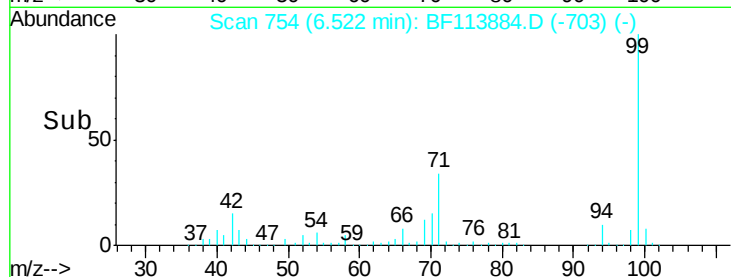
99 100

42 15.4 12.5 18.7

71 33.7 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.716 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

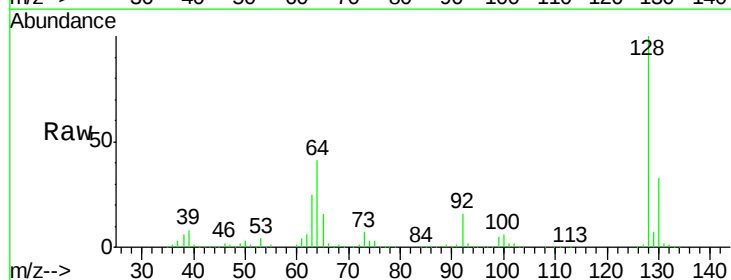
Tgt Ion: 128 Resp: 493737

Ion Ratio Lower Upper

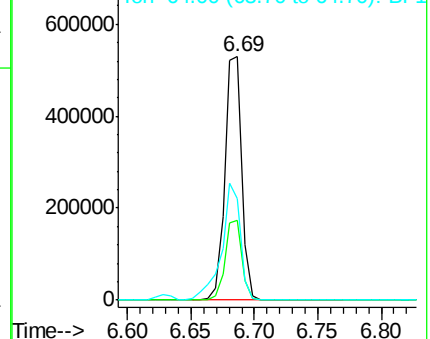
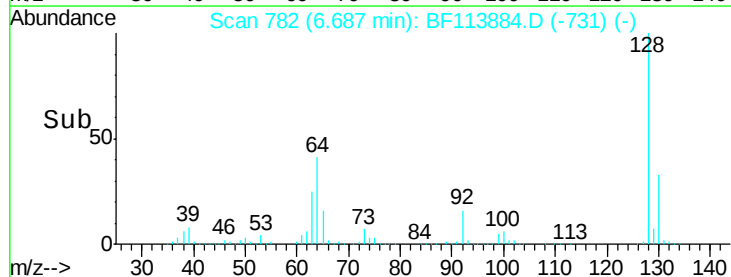
128 100

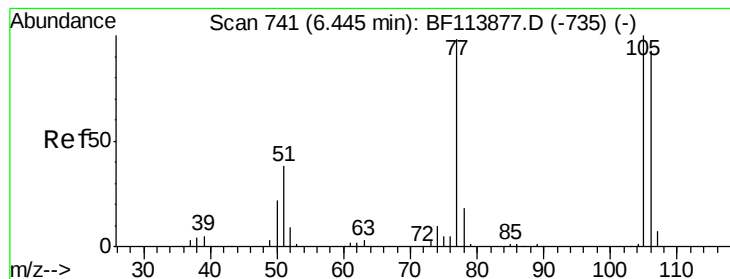
130 32.9 12.3 52.3

64 41.5 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.648 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

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SSTDCCC040

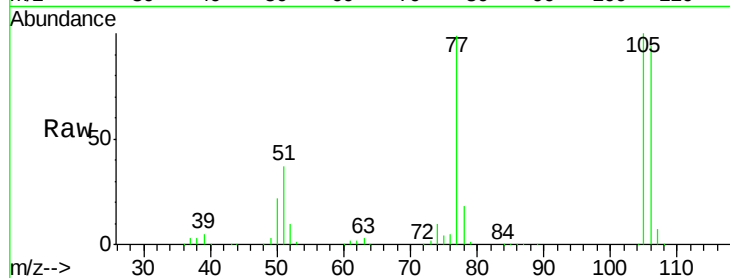
Tot Ion: 77 Resp: 310895

Ion Ratio Lower Upper

77 100

105 100.9 74.1 114.1

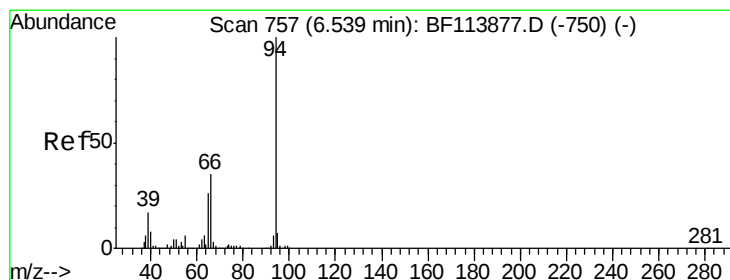
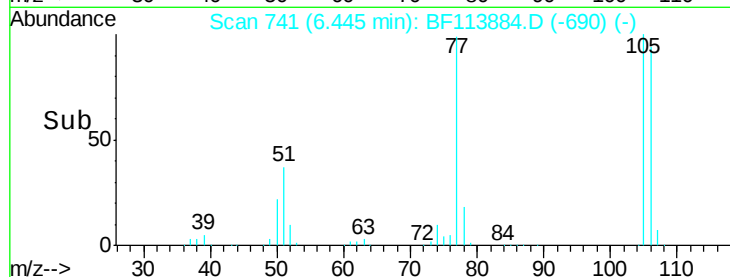
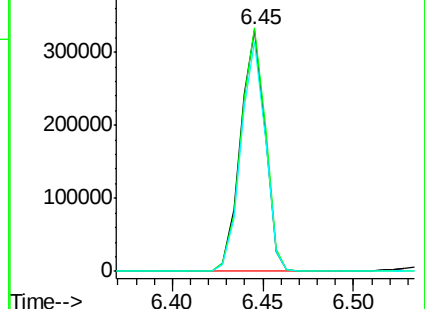
106 94.9 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.949 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

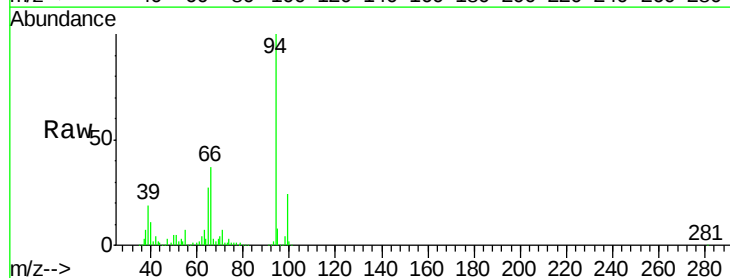
Tgt Ion: 94 Resp: 652513

Ion Ratio Lower Upper

94 100

65 27.5 8.1 48.1

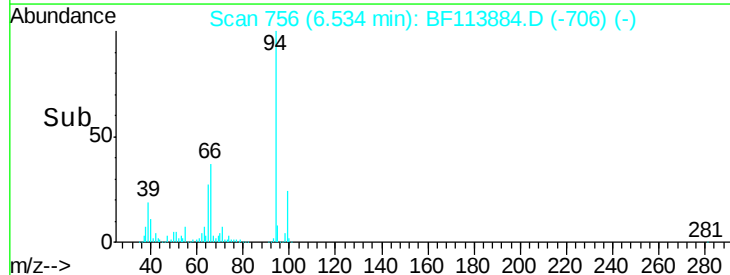
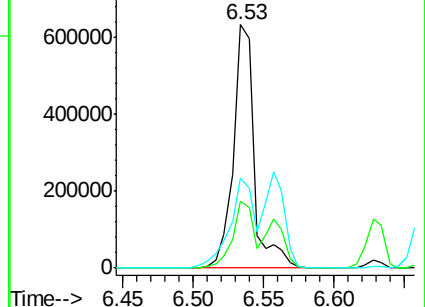
66 36.8 16.6 56.6

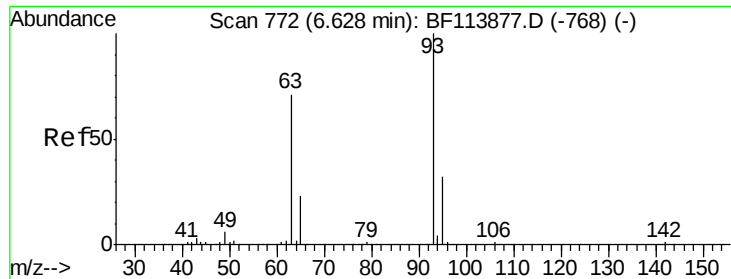


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

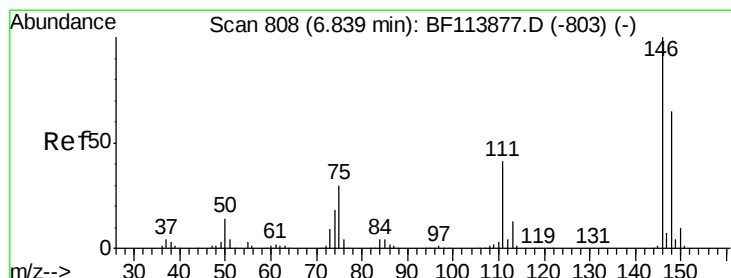
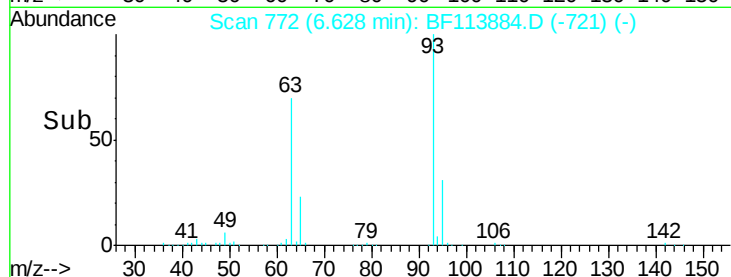
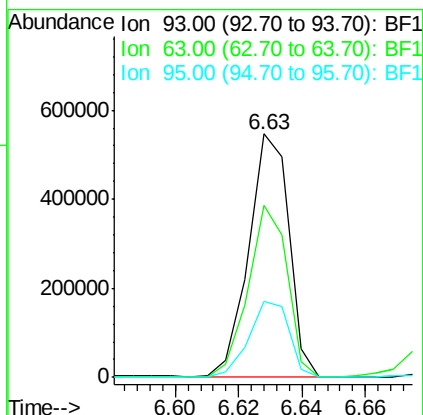
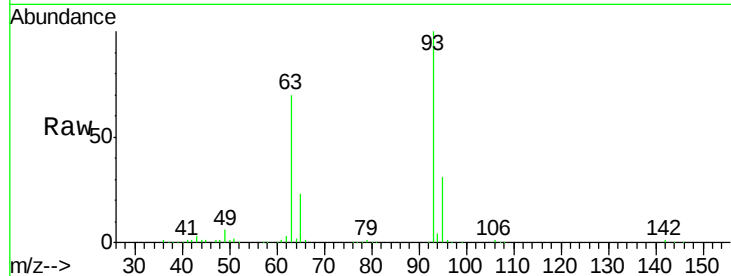




#11
bis(2-Chloroethyl)ether
Concen: 40.214 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

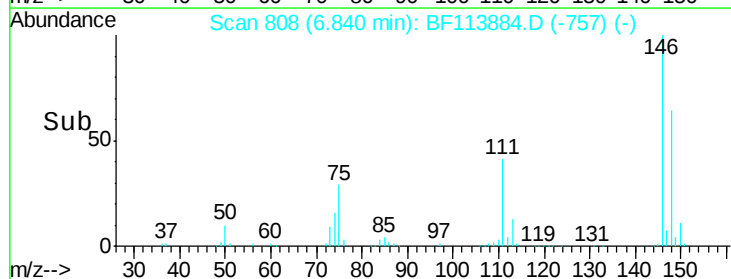
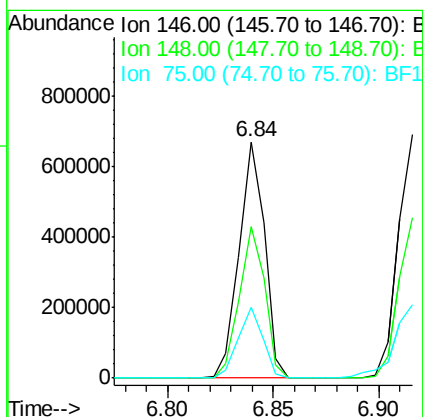
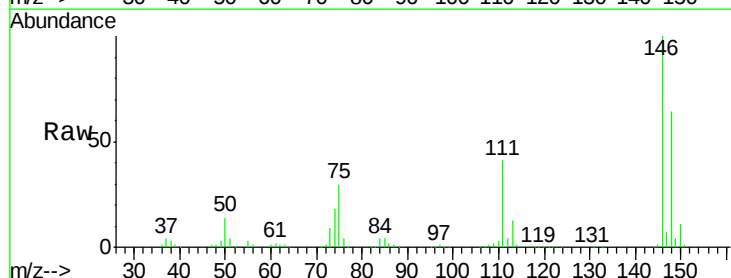
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

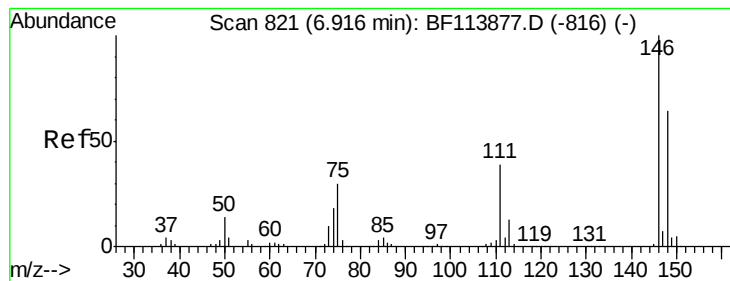
Tot Ion: 93 Resp: 482203
Ion Ratio Lower Upper
93 100
63 70.4 50.7 90.7
95 31.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.742 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion: 146 Resp: 559555
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
75 30.1 23.8 35.8





#13

1,4-Dichlorobenzene

Concen: 40.263 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

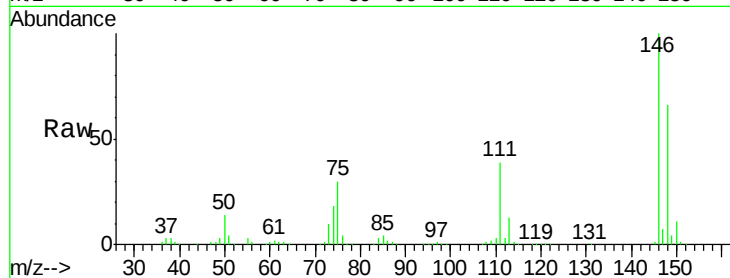
Tot Ion:146 Resp: 556187

Ion Ratio Lower Upper

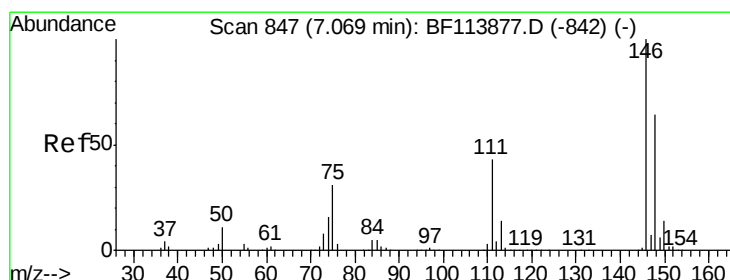
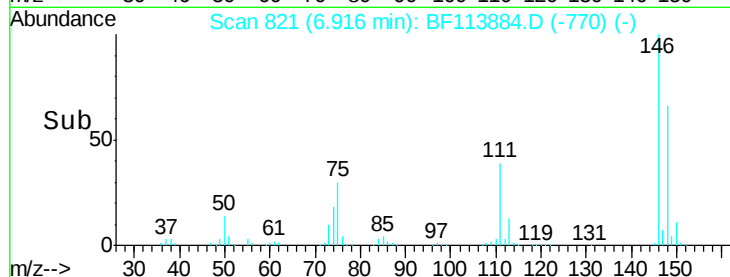
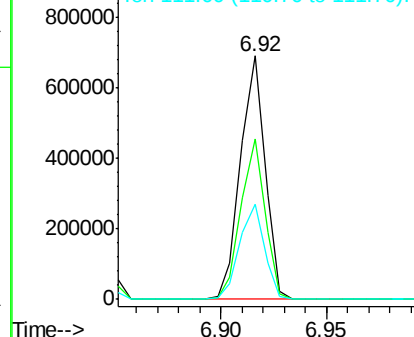
146 100

148 66.1 51.8 77.8

111 39.3 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.973 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

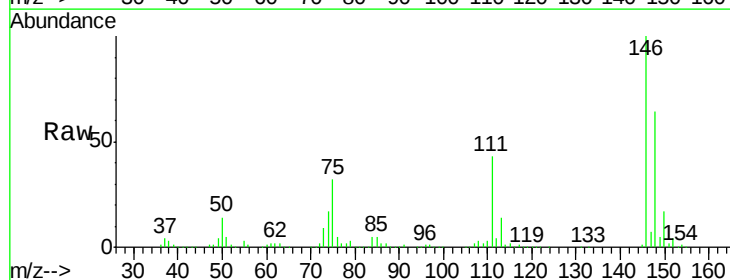
Tgt Ion:146 Resp: 520166

Ion Ratio Lower Upper

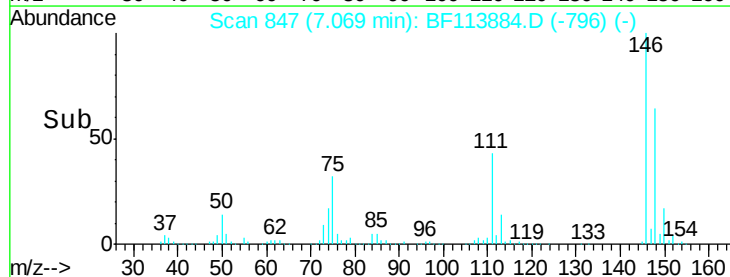
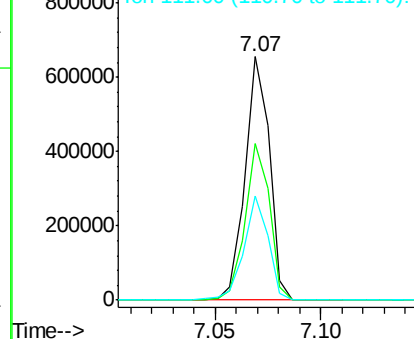
146 100

148 64.4 52.1 78.1

111 42.6 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.855 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

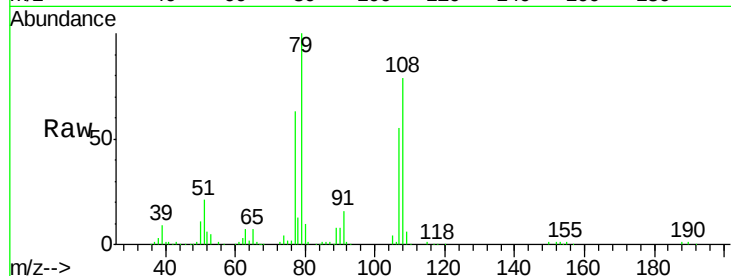
Tot Ion: 79 Resp: 375643

Ion Ratio Lower Upper

79 100

108 79.2 61.4 92.0

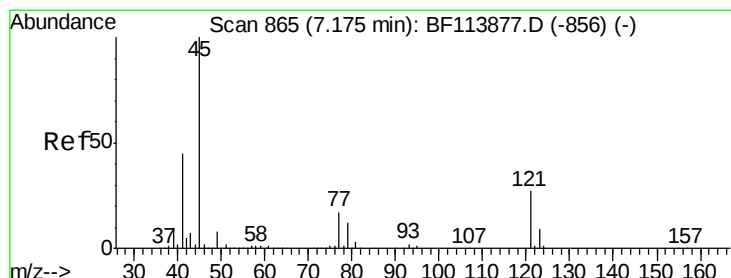
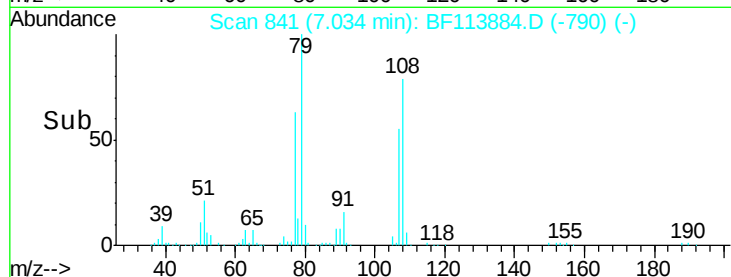
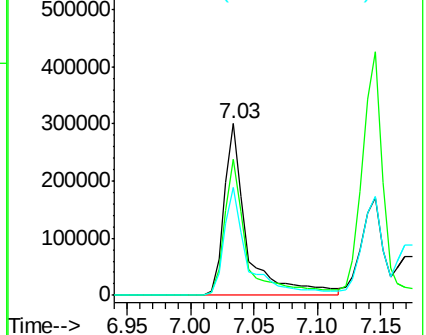
77 62.6 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.130 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

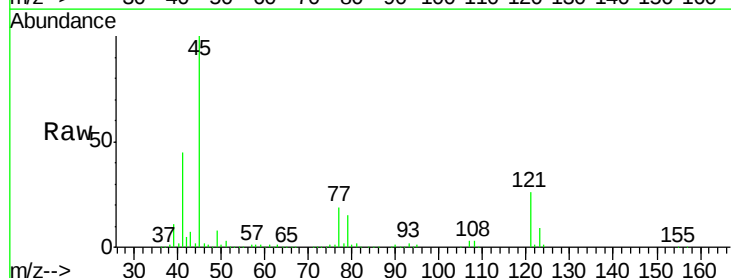
Tgt Ion: 45 Resp: 561724

Ion Ratio Lower Upper

45 100

77 19.5 0.0 37.0

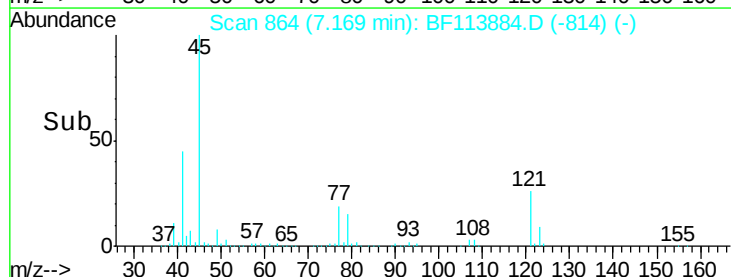
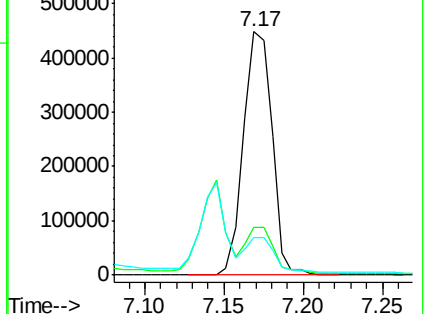
79 15.2 0.0 32.7

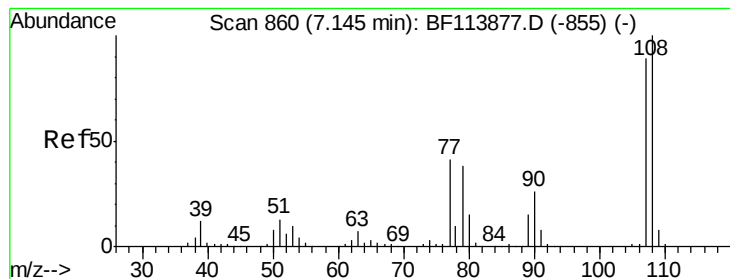


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

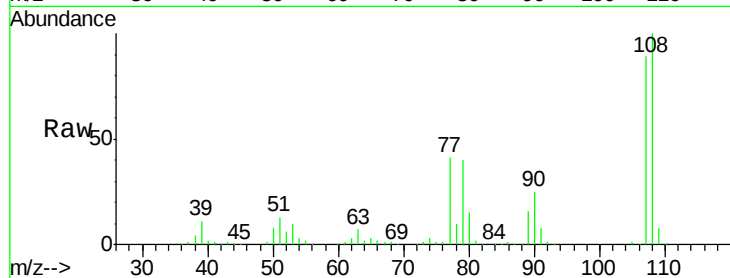




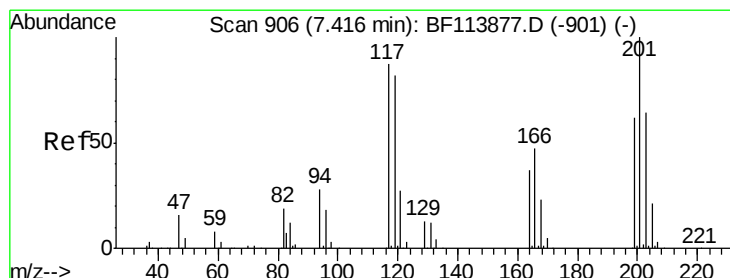
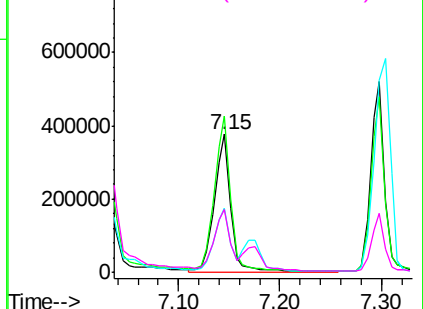
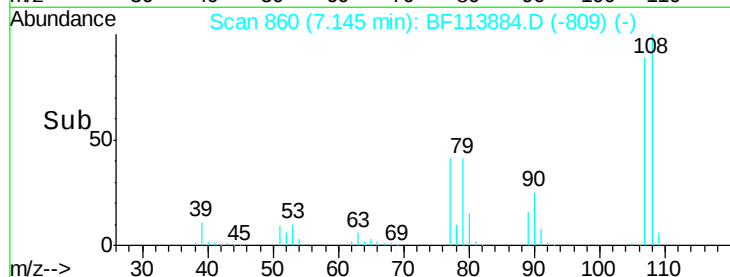
#17
2-Methylphenol
Concen: 40.458 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	430051
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.5	137.3
77	46.1	36.2	54.4
79	45.5	35.4	53.0

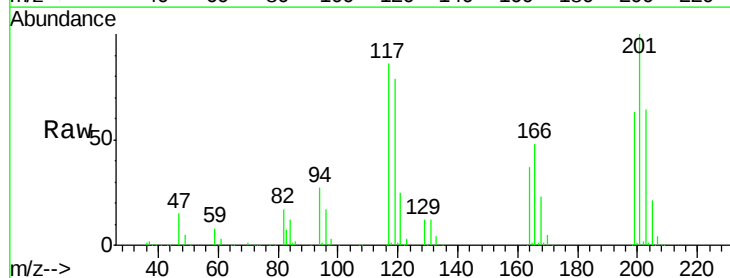


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

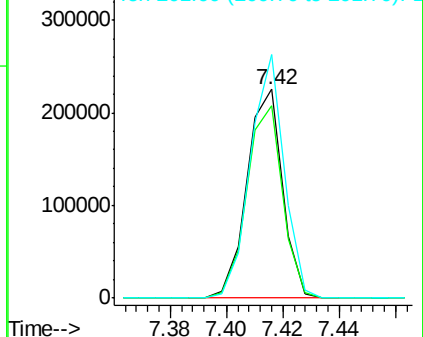
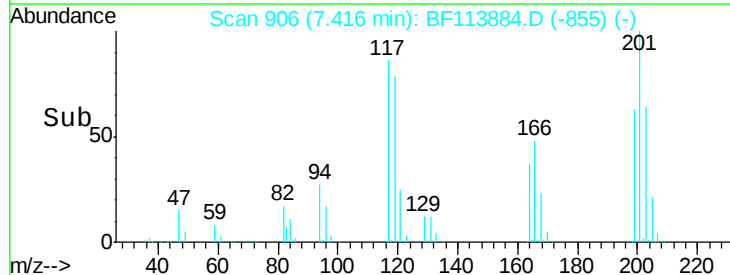


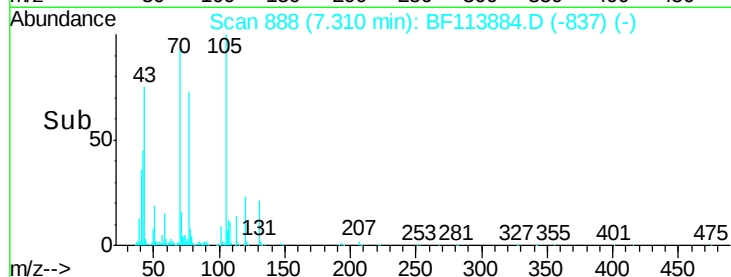
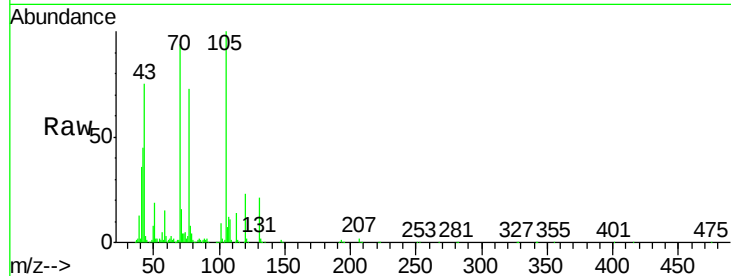
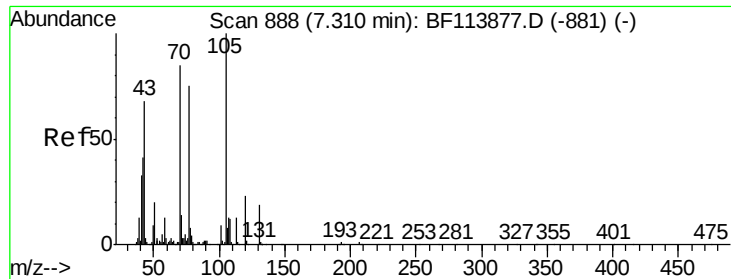
#18
Hexachloroethane
Concen: 40.544 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion:	117	Resp:	196330
Ion	Ratio	Lower	Upper
117	100		
119	92.0	74.4	111.6
201	116.8	90.2	135.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

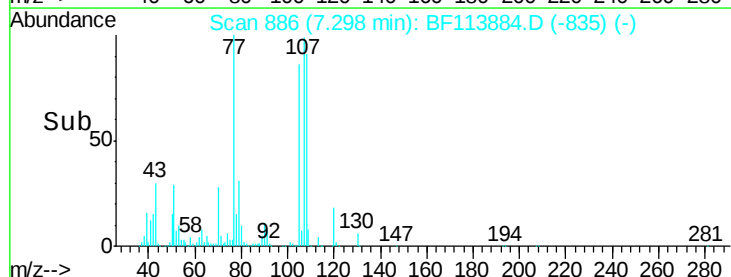
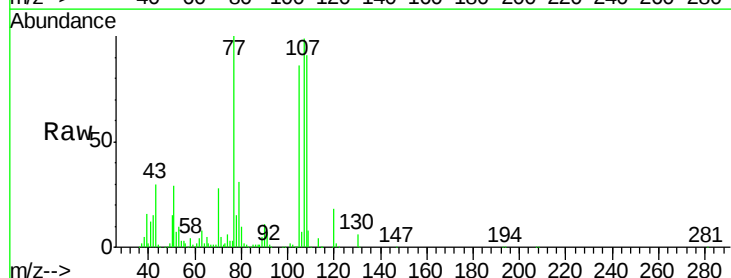
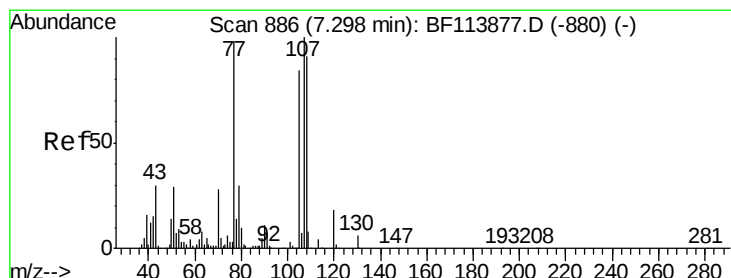
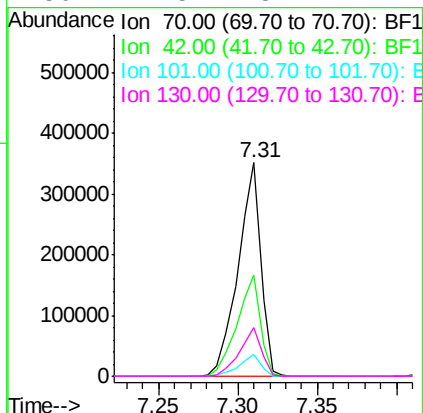




#19
n-Nitroso-di-n-propylamine
Concen: 40.258 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

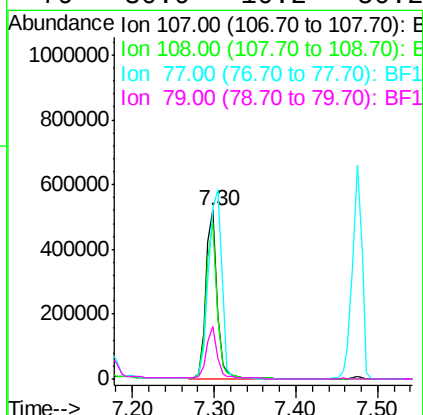
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

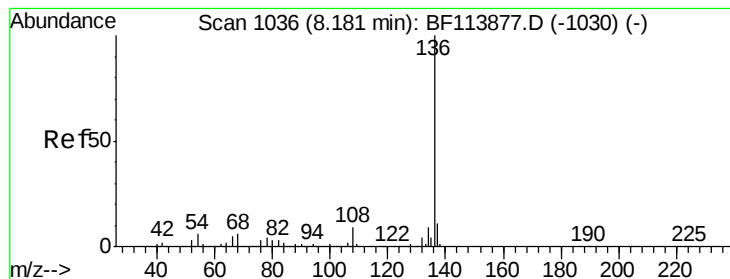
Tot Ion: 70 Resp: 347410
Ion Ratio Lower Upper
70 100
42 47.3 37.3 55.9
101 9.9 7.8 11.8
130 22.5 18.2 27.2



#20
3+4-Methylphenols
Concen: 41.563 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion:107 Resp: 499159
Ion Ratio Lower Upper
107 100
108 92.2 70.1 110.1
77 101.0 52.9 92.9#
79 30.9 10.2 50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 716135

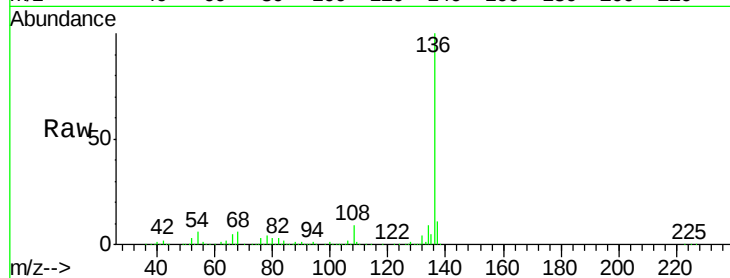
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 6.1 5.0 7.6

68 6.4 4.9 7.3

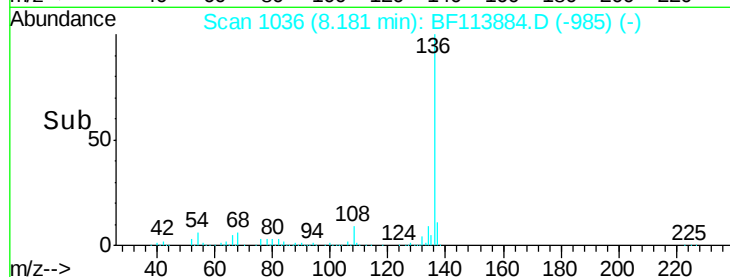


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

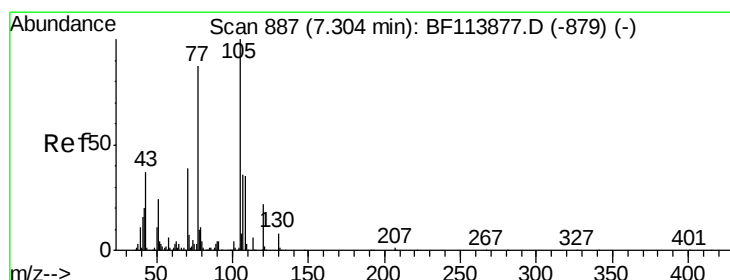
Ion 68.00 (67.70 to 68.70): BF1



Abundance

8.18

Time-->



#22

Acetophenone

Concen: 40.591 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:105 Resp: 646877

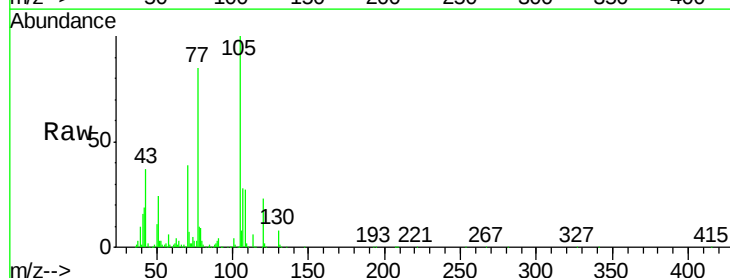
Ion Ratio Lower Upper

105 100

71 6.6 6.1 9.1

51 24.3 16.8 25.2

120 22.6 17.6 26.4

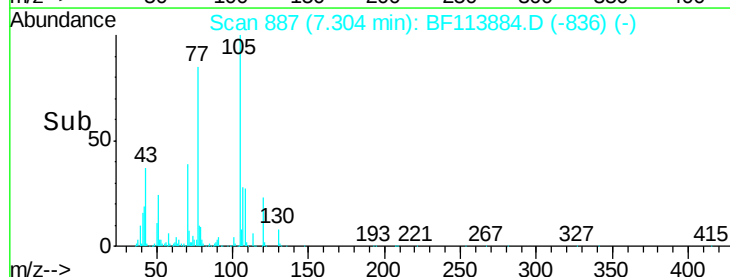


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

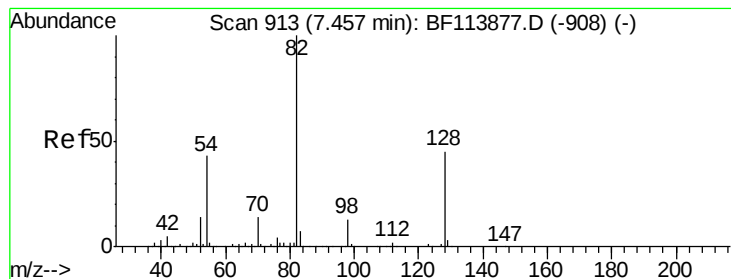
Ion 120.00 (119.70 to 120.70): E



Abundance

7.30

Time-->



#23

Nitrobenzene-d5

Concen: 84.920 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

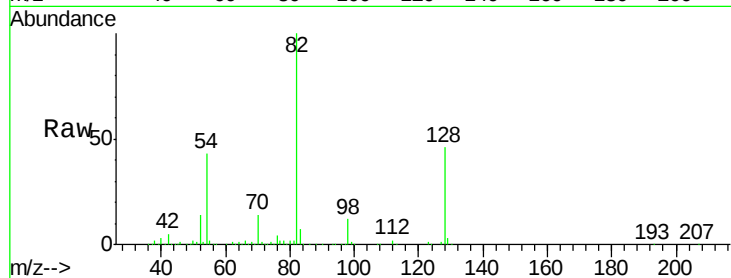
Tot Ion: 82 Resp: 984948

Ion Ratio Lower Upper

82 100

128 45.5 36.8 55.2

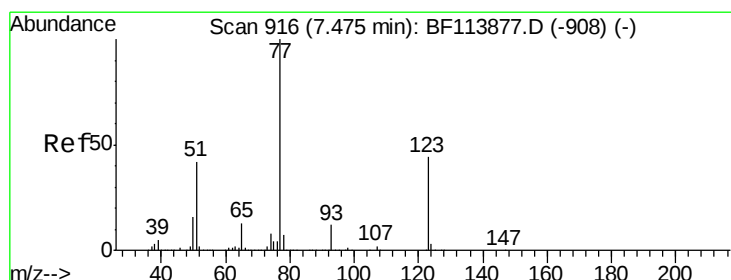
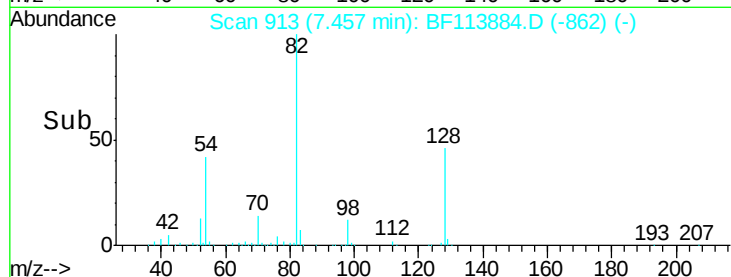
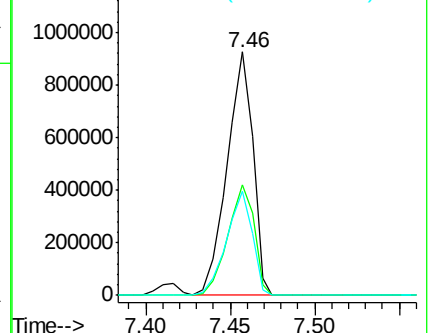
54 42.5 33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.076 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

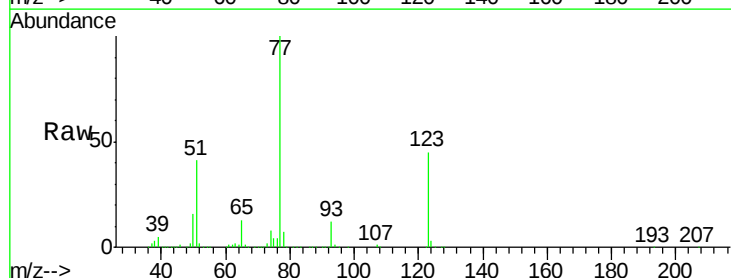
Tgt Ion: 77 Resp: 539236

Ion Ratio Lower Upper

77 100

123 45.2 36.3 54.5

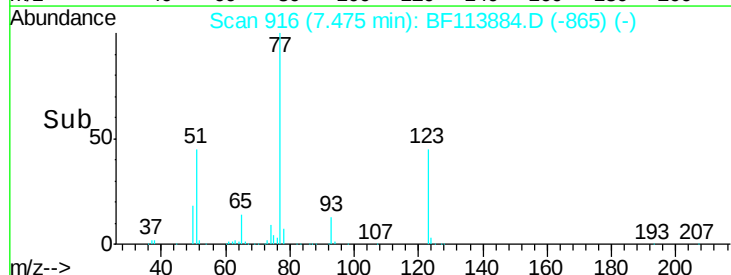
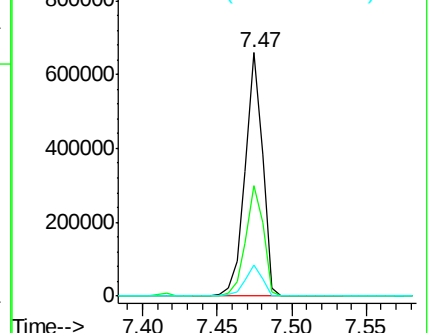
65 12.5 10.3 15.5

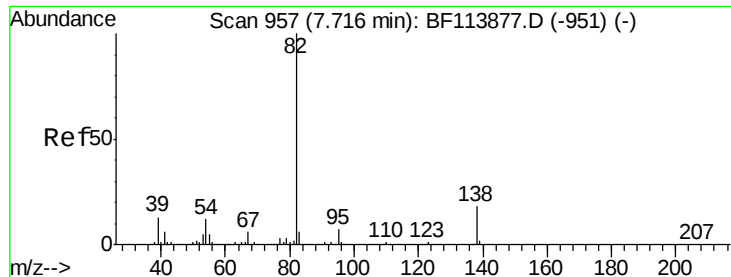


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.390 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

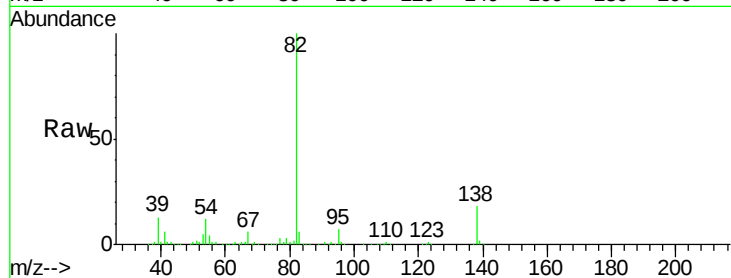
Tot Ion: 82 Resp: 958555

Ion Ratio Lower Upper

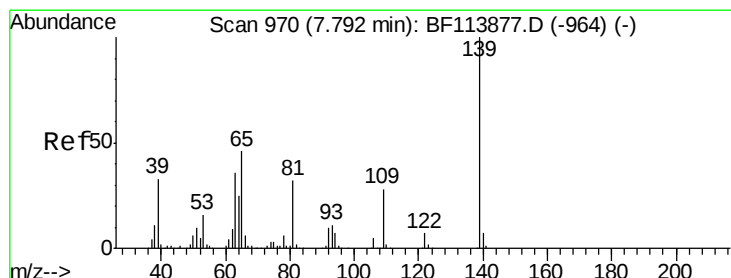
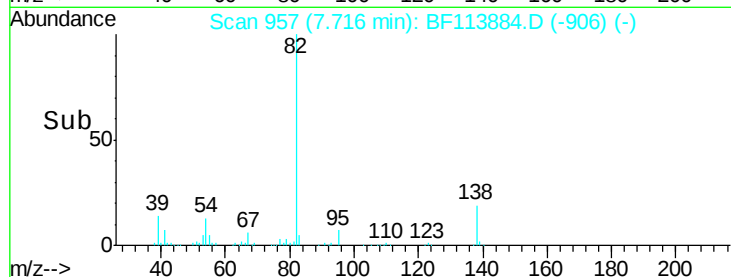
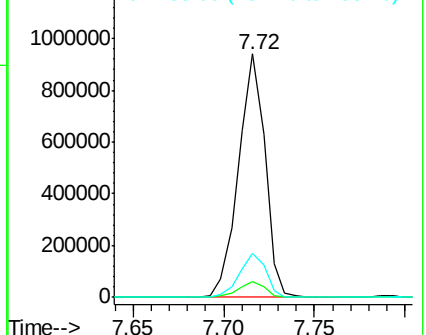
82 100

95 6.7 5.4 8.2

138 18.2 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.521 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

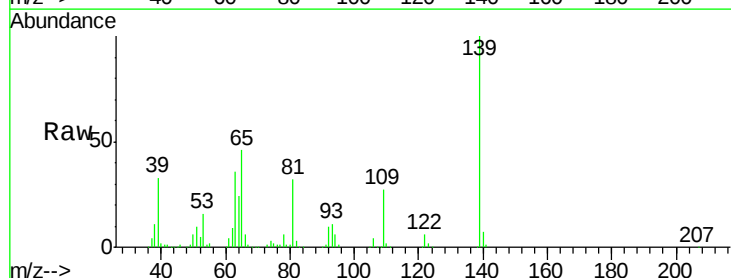
Tgt Ion: 139 Resp: 260300

Ion Ratio Lower Upper

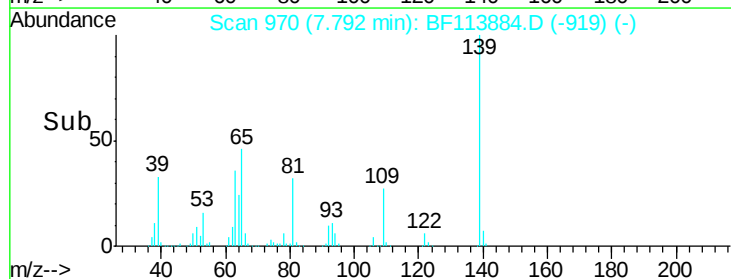
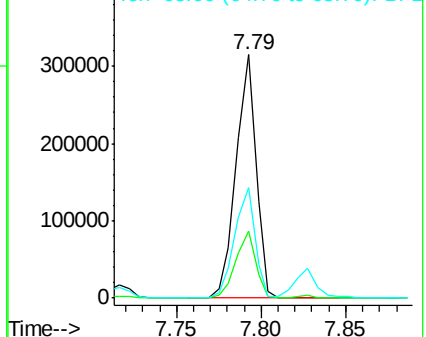
139 100

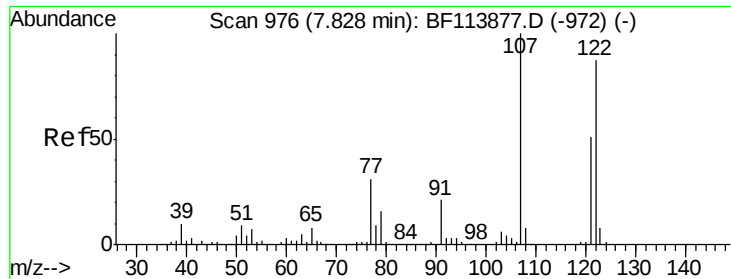
109 27.4 20.6 31.0

65 45.6 34.6 52.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.721 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

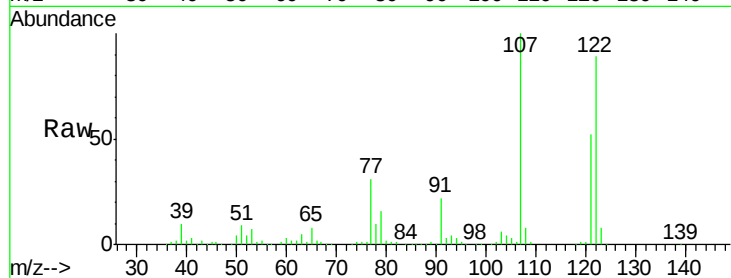
Tot Ion:122 Resp: 387897

Ion Ratio Lower Upper

122 100

107 111.9 91.2 136.8

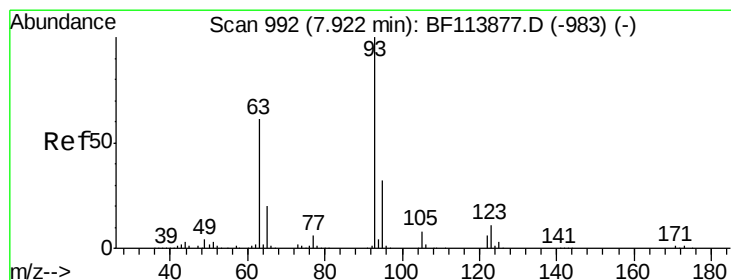
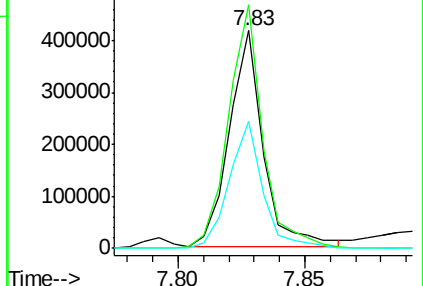
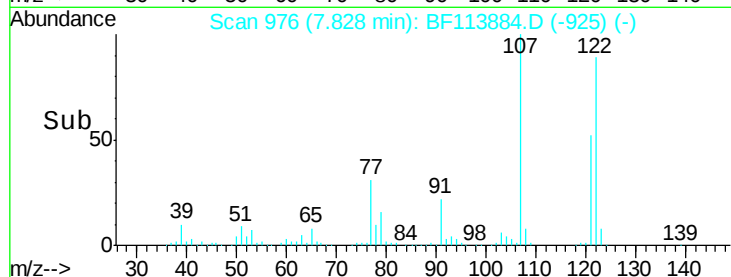
121 58.6 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.782 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

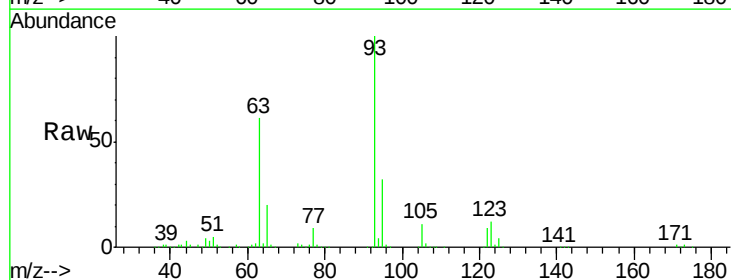
Tgt Ion: 93 Resp: 616727

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

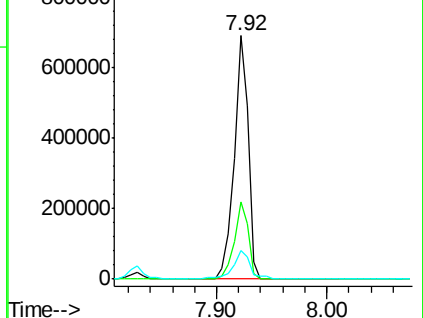
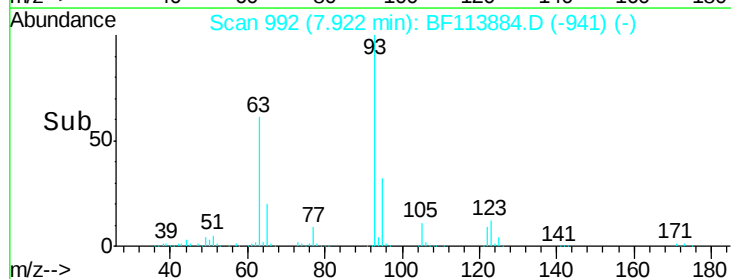
123 11.7 9.0 13.6

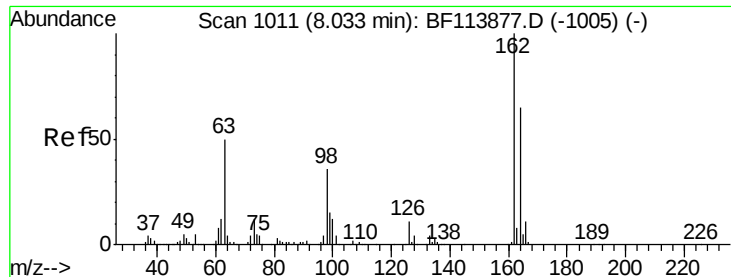


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

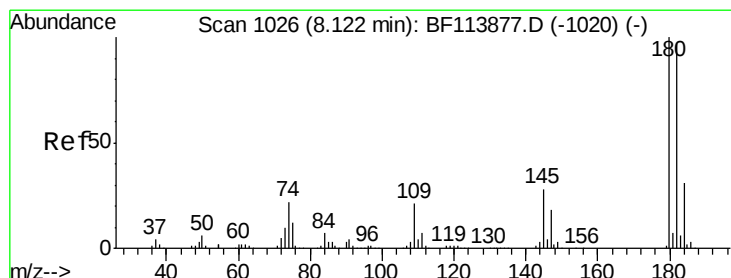
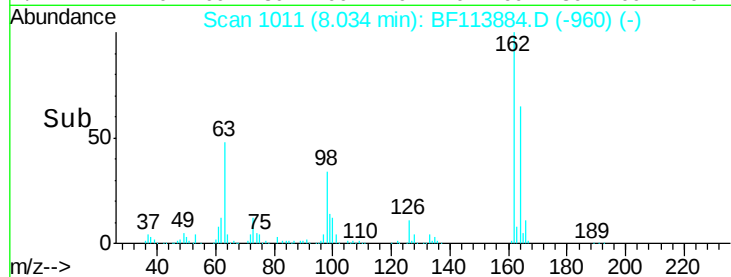
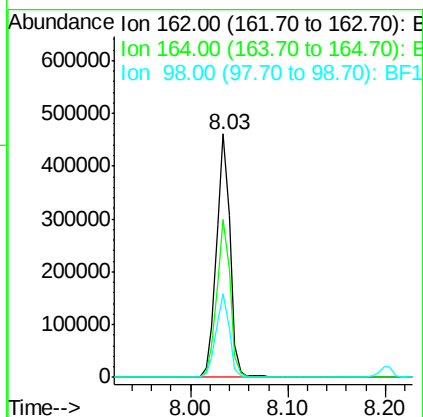
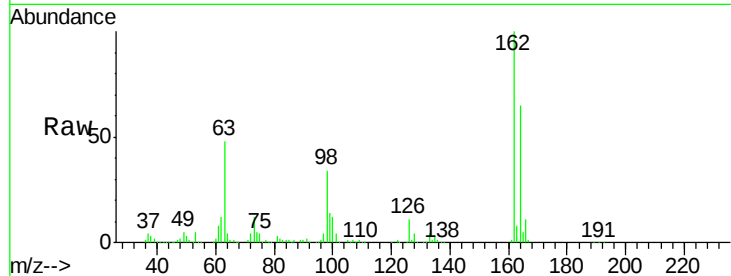




#29
 2,4-Dichlorophenol
 Concen: 41.056 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

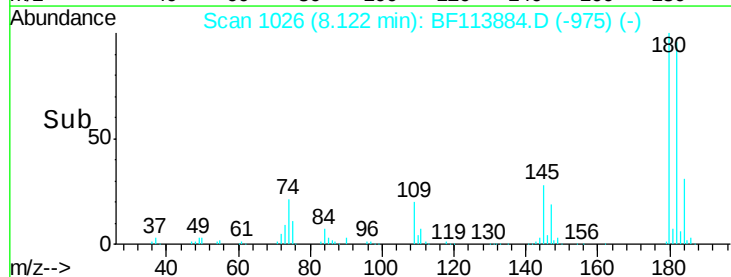
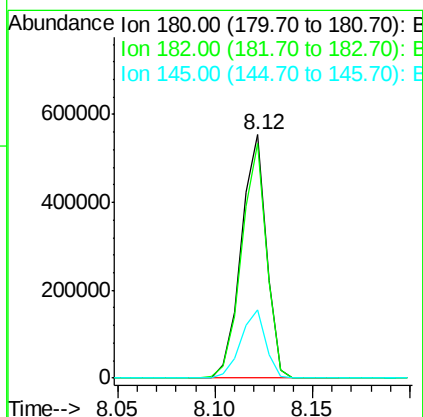
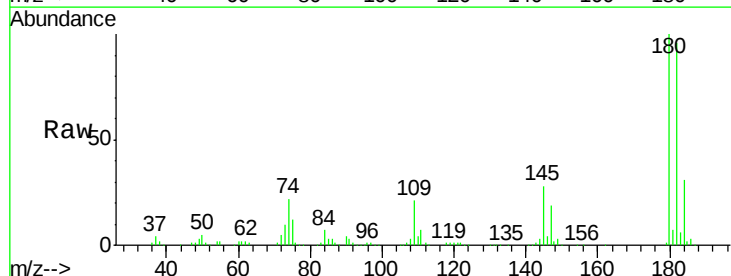
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

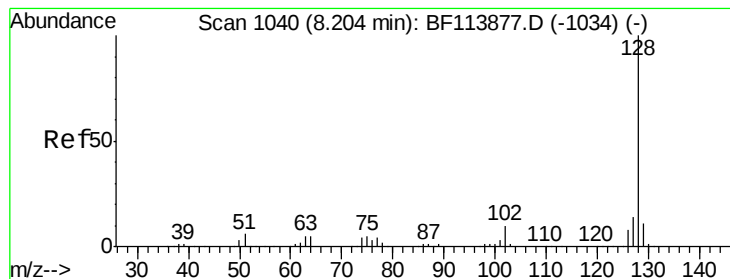
Tot Ion:162 Resp: 447223
 Ion Ratio Lower Upper
 162 100
 164 64.9 43.7 83.7
 98 34.3 15.5 55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.720 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion:180 Resp: 494575
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.4 113.0
 145 28.0 23.0 34.4





#31

Naphthalene

Concen: 40.810 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

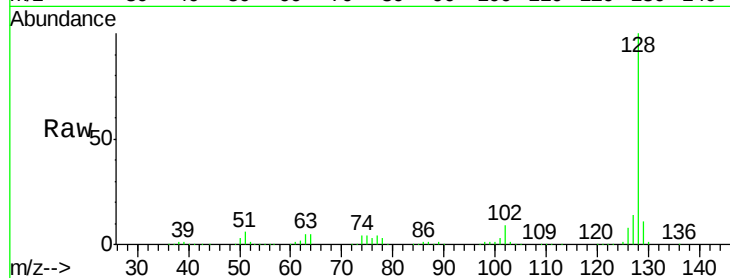
Tot Ion:128 Resp: 1388383

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

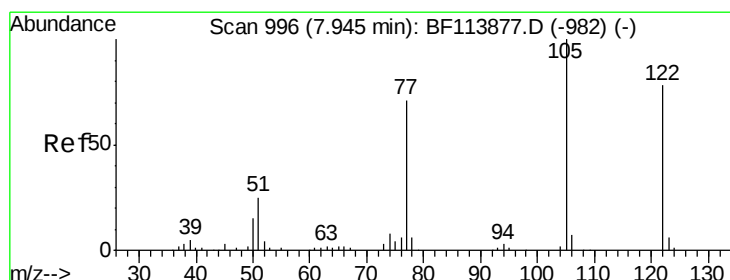
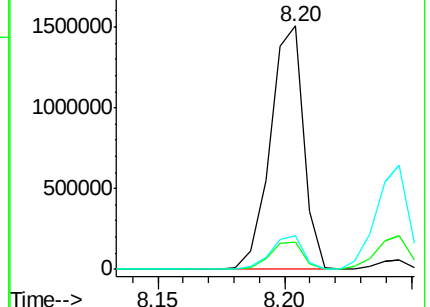
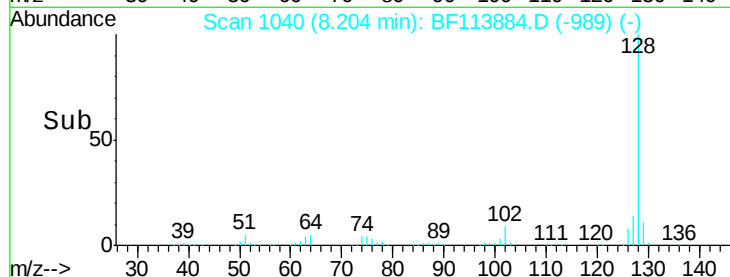
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.810 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

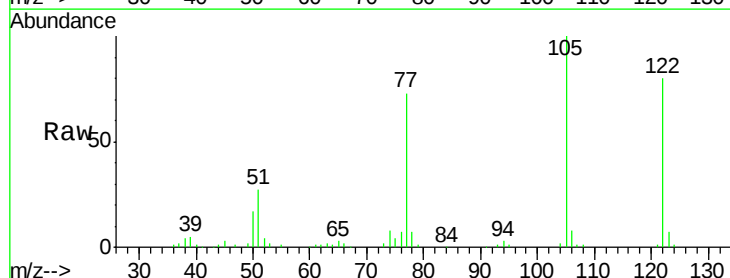
Tgt Ion:122 Resp: 204629

Ion Ratio Lower Upper

122 100

105 124.4 104.3 144.3

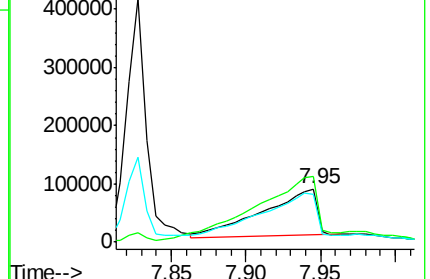
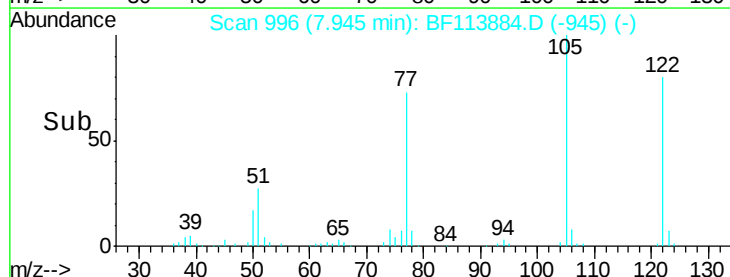
77 90.9 70.4 110.4

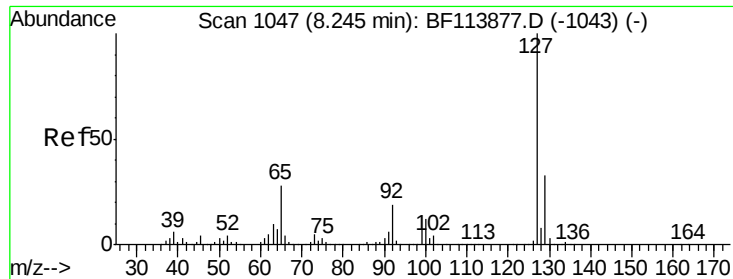


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

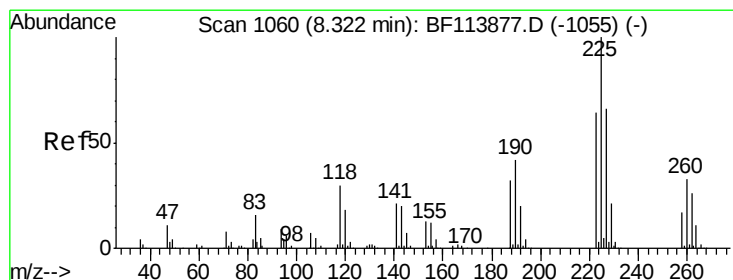
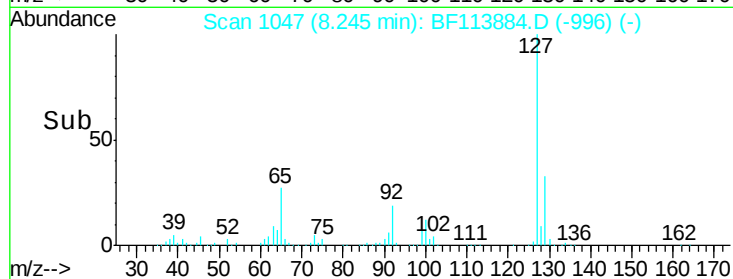
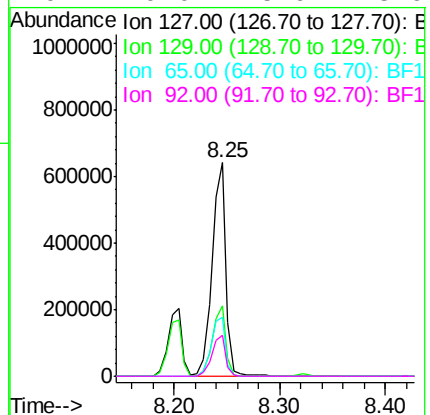
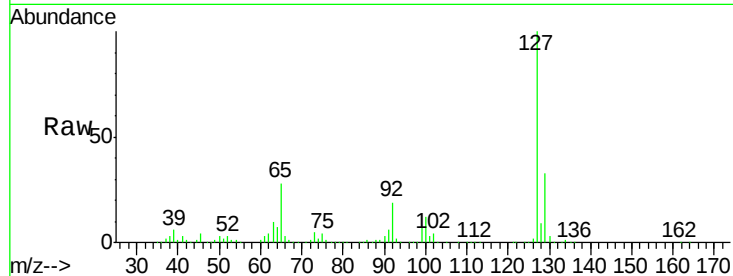




#33
4-Chloroaniline
Concen: 40.547 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

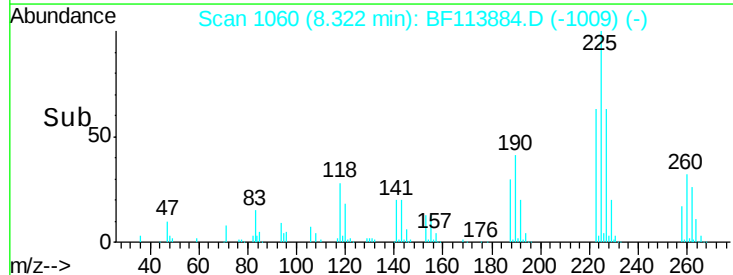
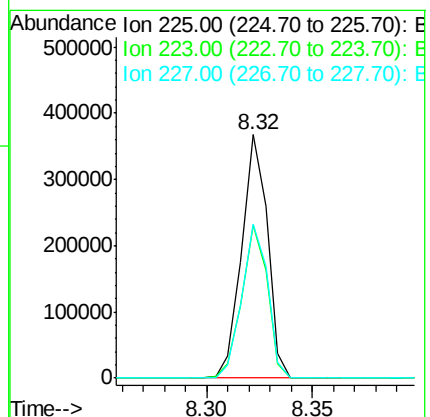
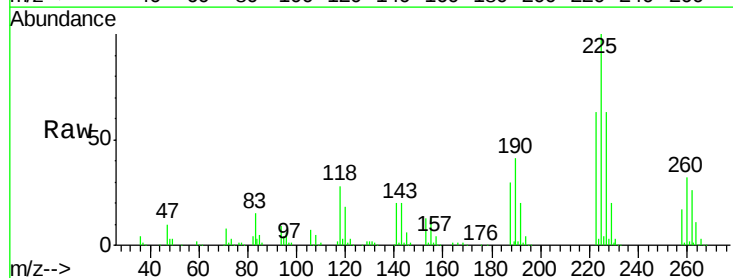
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

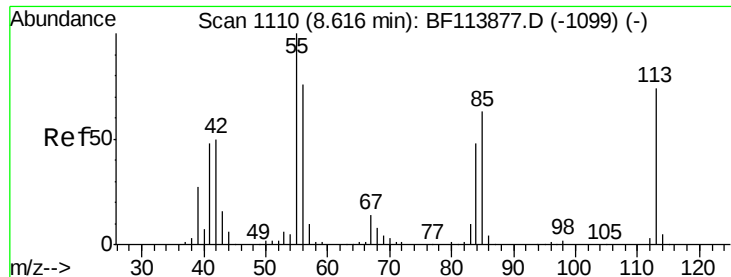
Tot Ion:127	Resp:	583685
Ion Ratio	Lower	Upper
127	100	
129	32.9	26.4 39.6
65	27.5	24.9 37.3
92	19.0	15.9 23.9



#34
Hexachlorobutadiene
Concen: 40.928 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion:225	Resp:	309887
Ion Ratio	Lower	Upper
225	100	
223	62.9	51.1 76.7
227	63.0	49.9 74.9

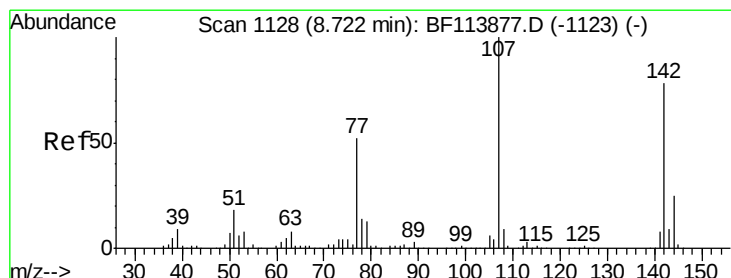
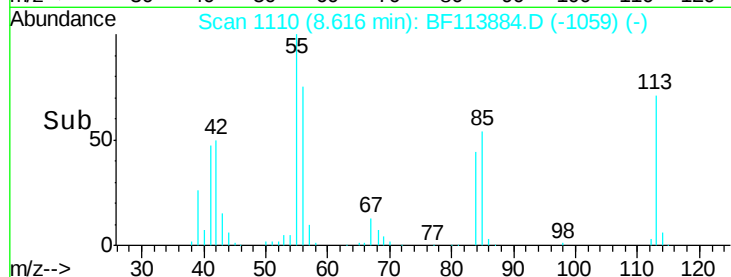
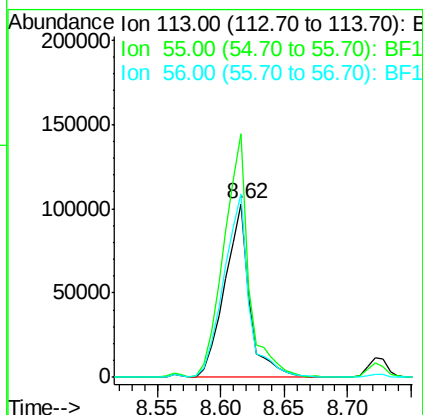
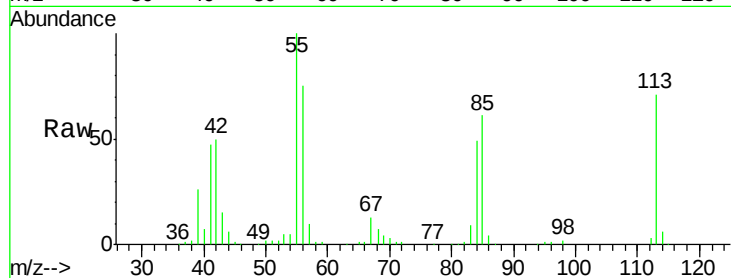




#35
 Caprolactam
 Concen: 40.387 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

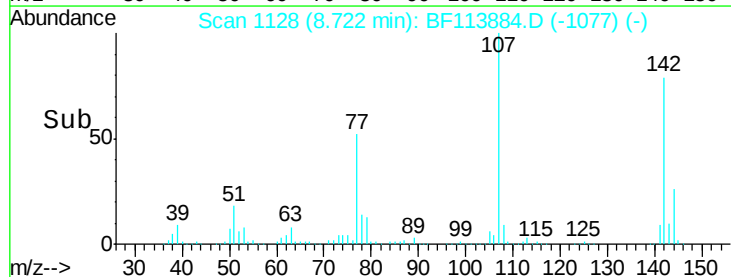
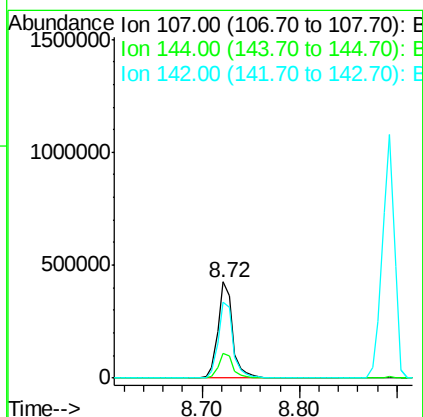
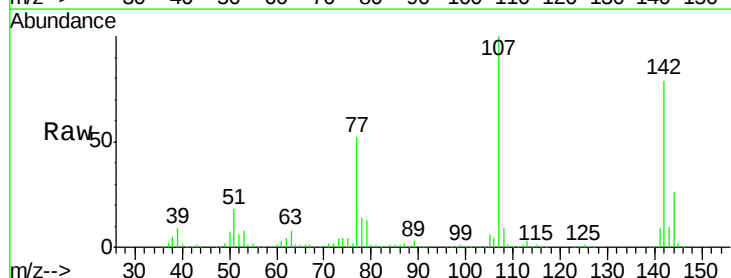
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

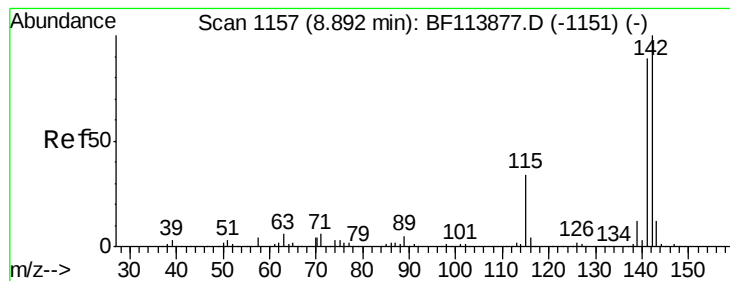
Tot Ion:113 Resp: 139948
 Ion Ratio Lower Upper
 113 100
 55 140.3 128.6 168.6
 56 105.8 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.808 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion:107 Resp: 440393
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 79.1 64.2 96.4





#37

2-Methylnaphthalene

Concen: 40.740 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

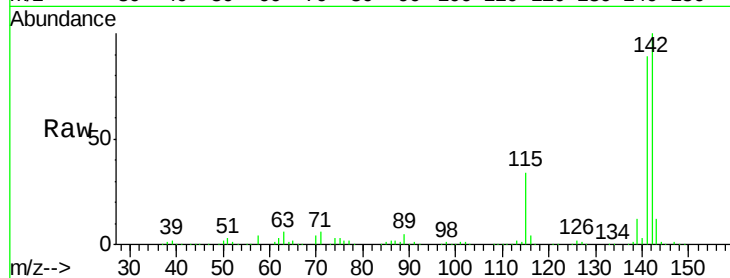
Tot Ion:142 Resp: 934631

Ion Ratio Lower Upper

142 100

141 89.3 70.4 105.6

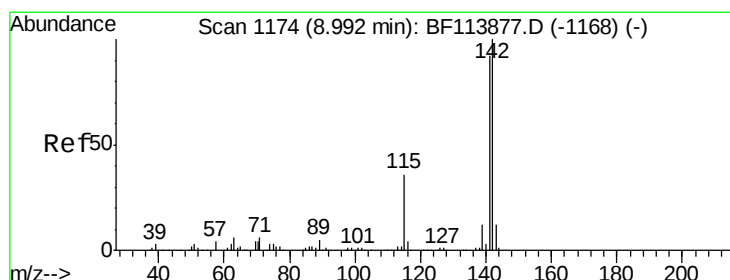
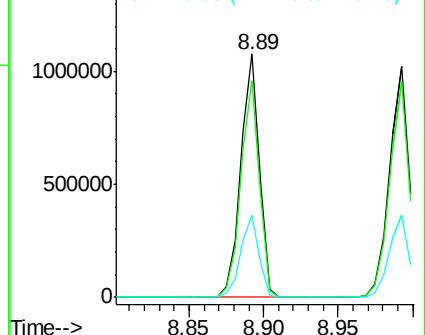
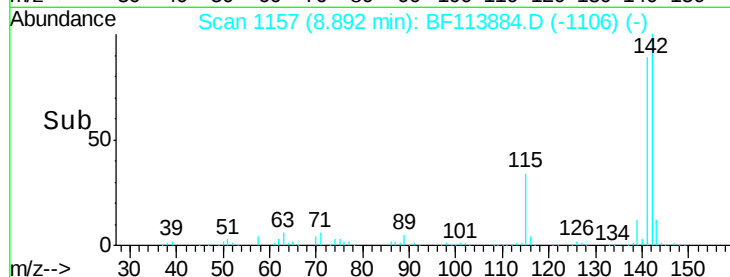
115 34.1 26.3 39.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.113 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

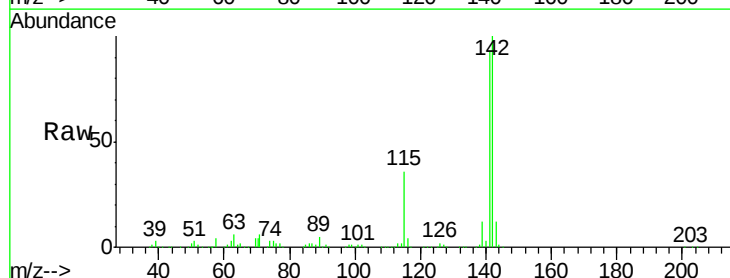
Tgt Ion:142 Resp: 910339

Ion Ratio Lower Upper

142 100

141 93.0 72.3 108.5

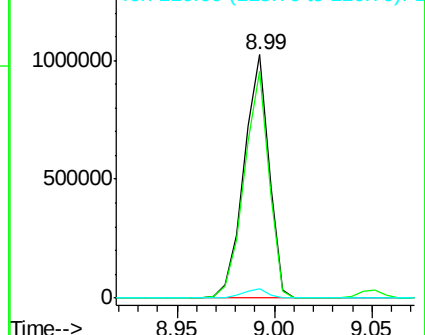
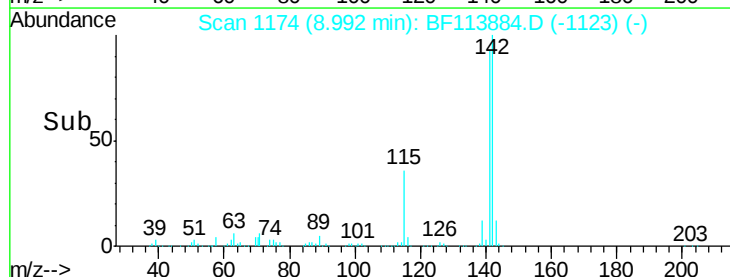
116 3.7 3.0 4.4

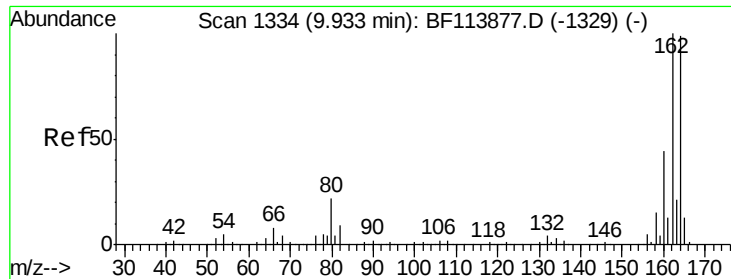


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

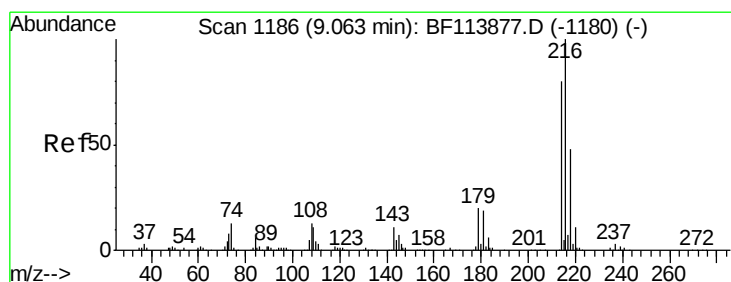
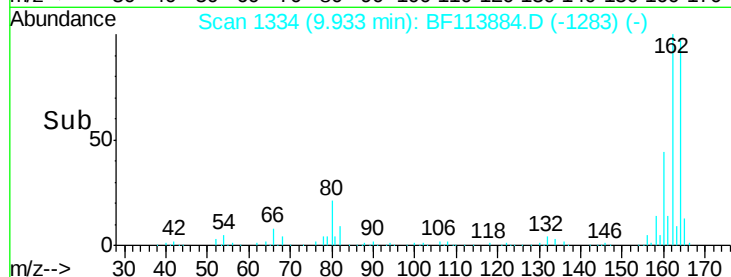
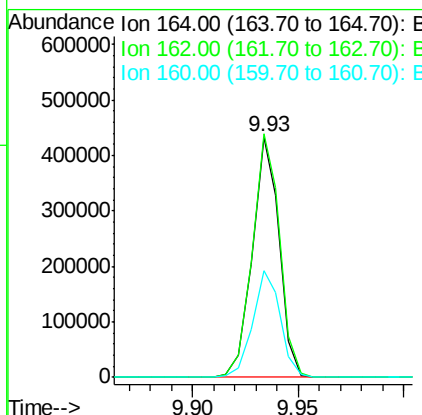
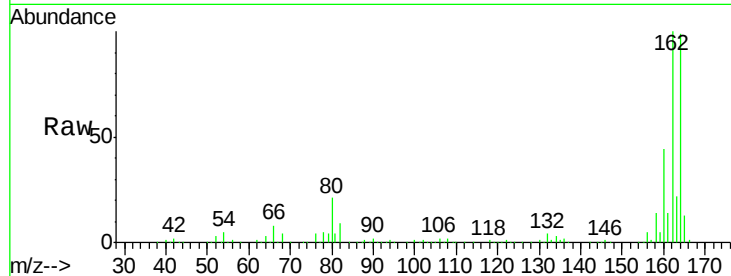




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

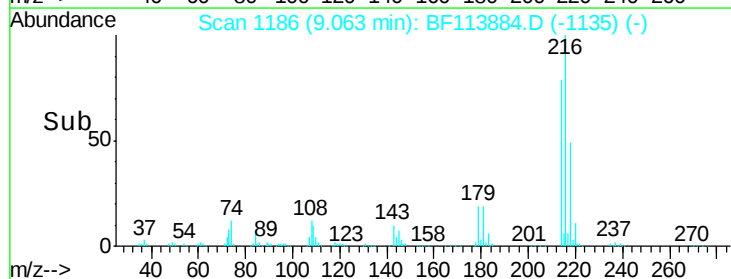
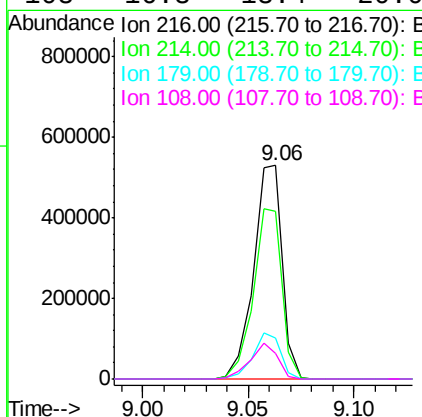
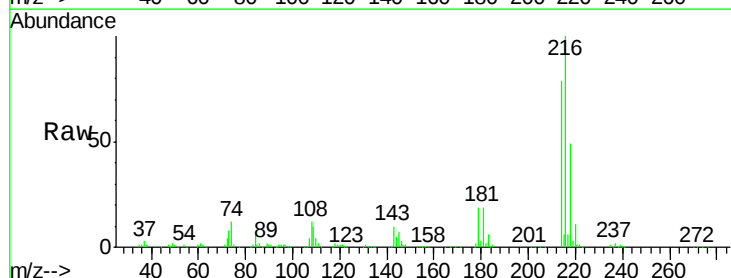
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:164 Resp: 382022
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.1 121.7
 160 44.2 35.8 53.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.424 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion:216 Resp: 501637
 Ion Ratio Lower Upper
 216 100
 214 79.3 63.5 95.3
 179 20.8 16.1 24.1
 108 16.3 13.4 20.0

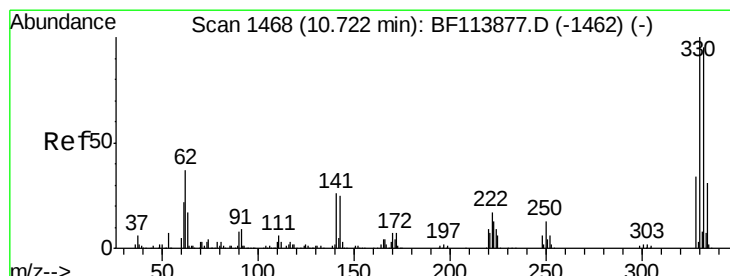
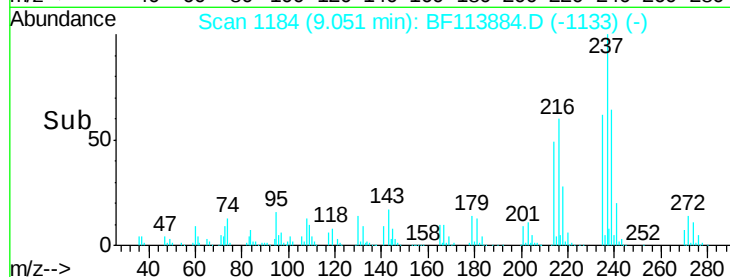
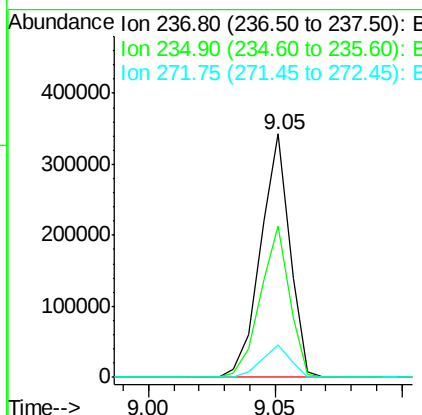
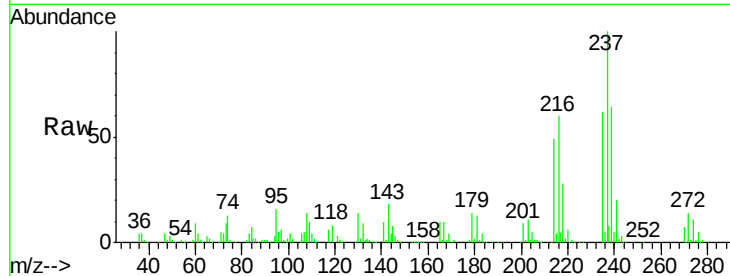




#41
Hexachlorocyclopentadiene
Concen: 39.833 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

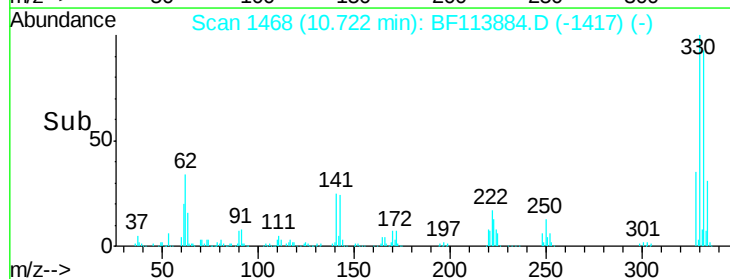
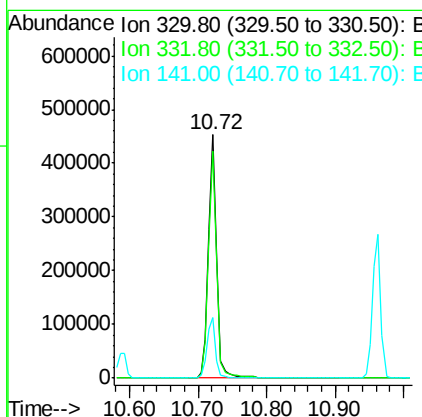
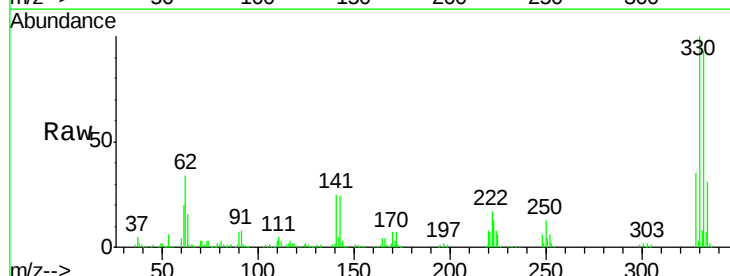
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

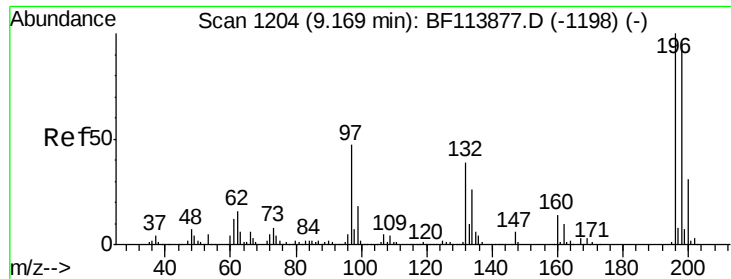
Tot Ion:237 Resp: 275643
Ion Ratio Lower Upper
237 100
235 62.3 42.6 82.6
272 13.6 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 85.677 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion:330 Resp: 398726
Ion Ratio Lower Upper
330 100
332 94.0 77.5 116.3
141 25.7 22.2 33.2

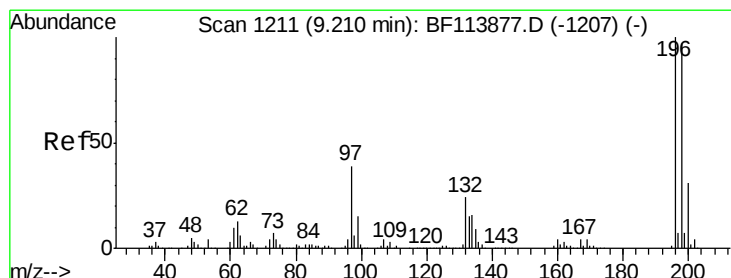
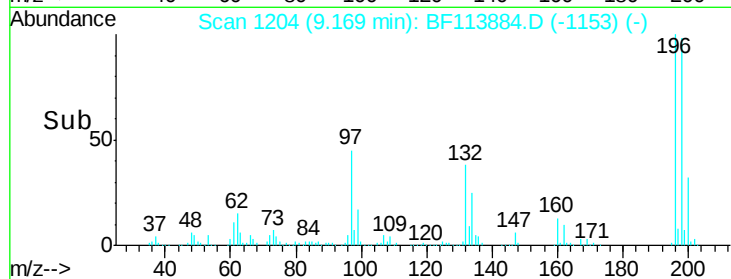
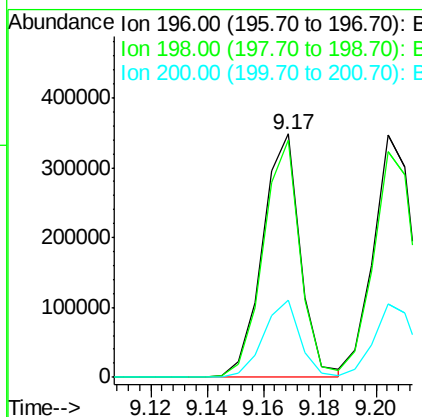
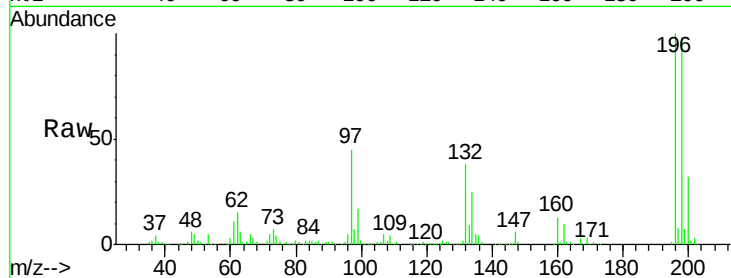




#43
 2,4,6-Trichlorophenol
 Concen: 41.115 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

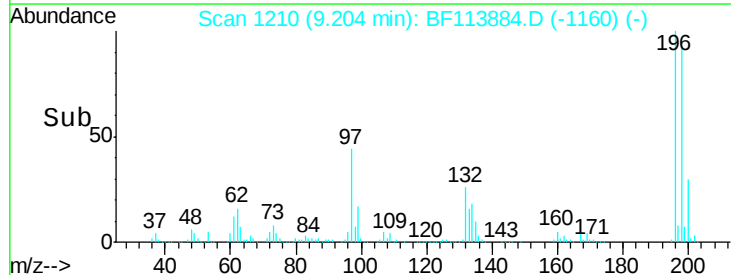
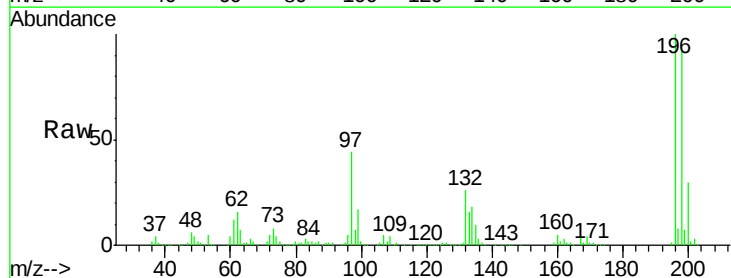
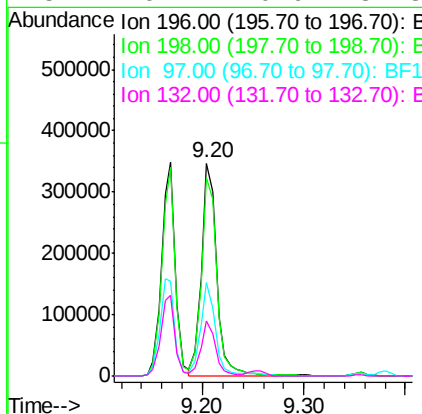
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

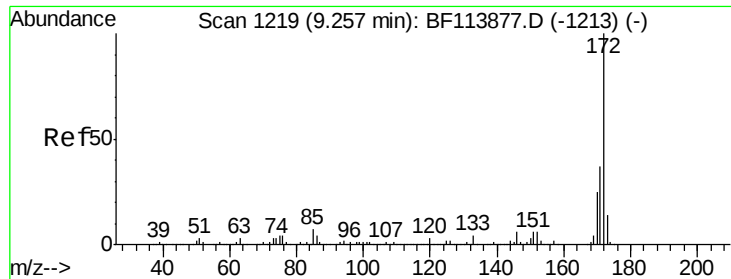
Tot Ion:196 Resp: 323977
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.6 113.4
 200 32.0 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 41.113 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion:196 Resp: 363377
 Ion Ratio Lower Upper
 196 100
 198 93.0 76.2 114.4
 97 43.6 35.8 53.8
 132 26.1 20.9 31.3

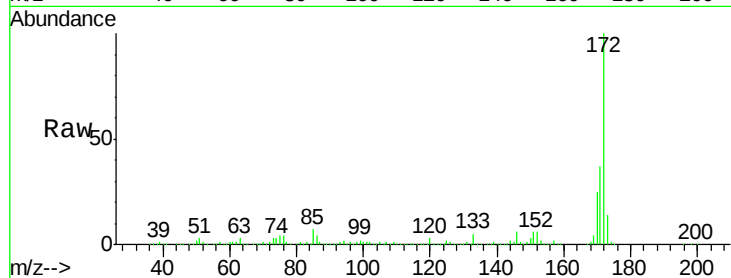




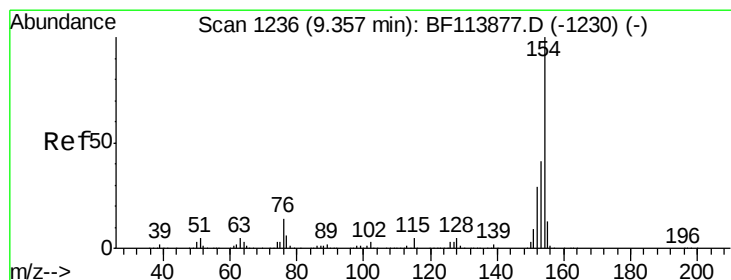
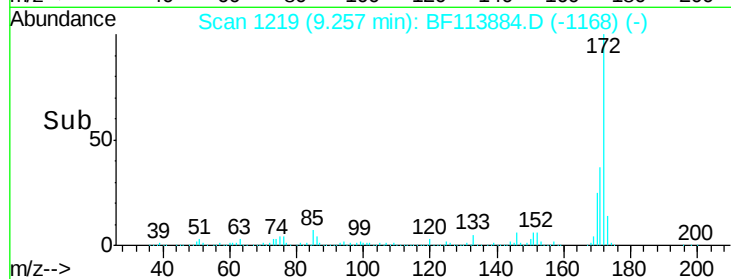
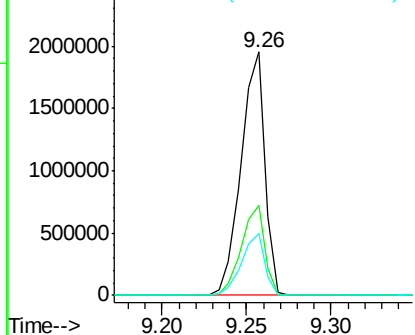
#45
2-Fluorobiphenyl
Concen: 78.561 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1918899
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 25.4 19.9 29.9

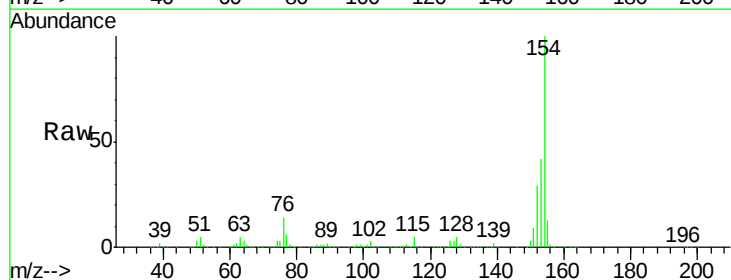


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

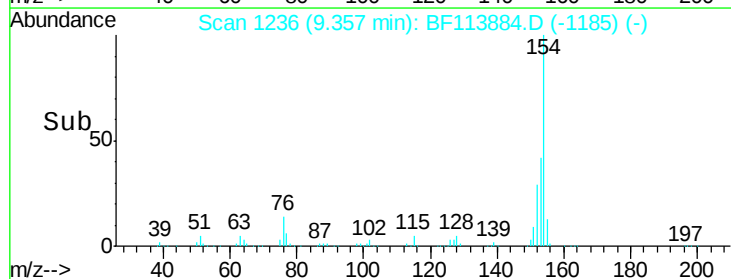
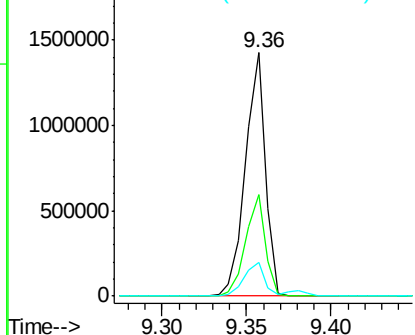


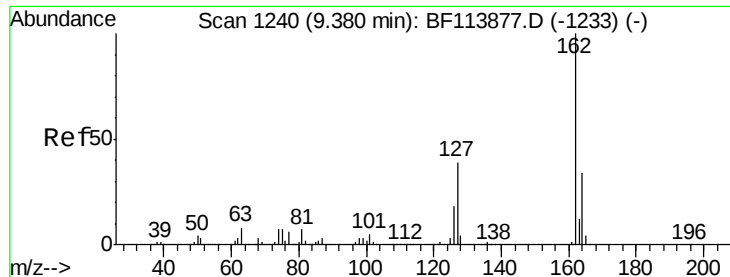
#46
1,1'-Biphenyl
Concen: 40.578 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion:154 Resp: 1184227
Ion Ratio Lower Upper
154 100
153 41.7 20.8 60.8
76 13.6 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

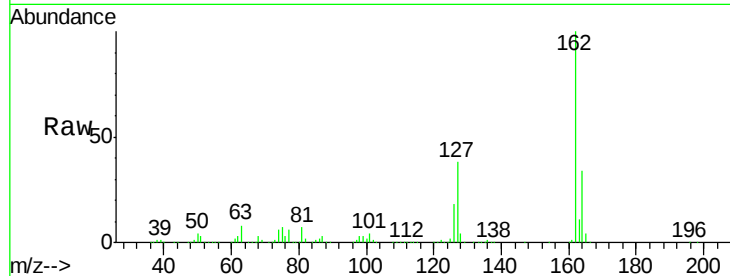




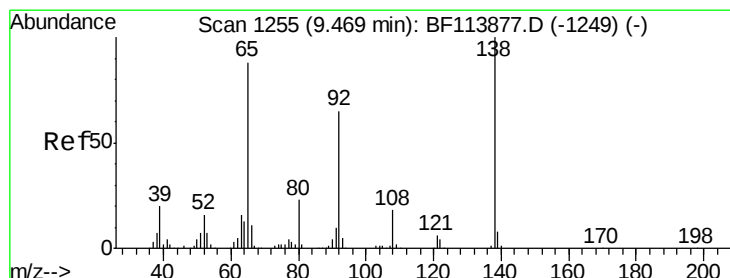
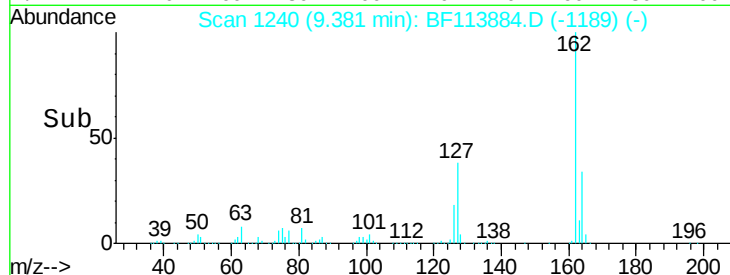
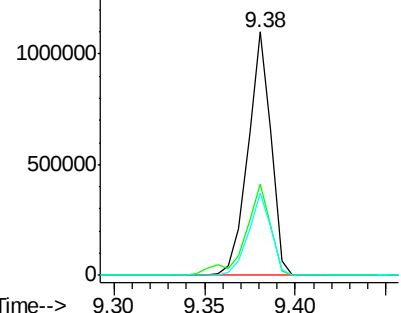
#47
 2-Chloronaphthalene
 Concen: 40.771 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.3	43.9
164	33.7	27.1	40.7

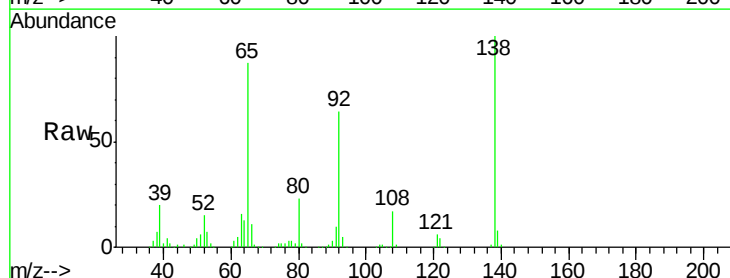


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

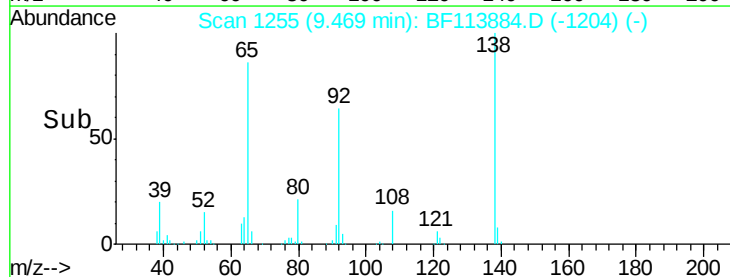
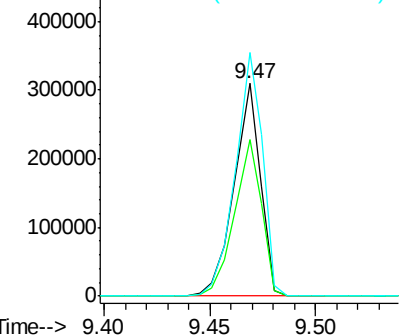


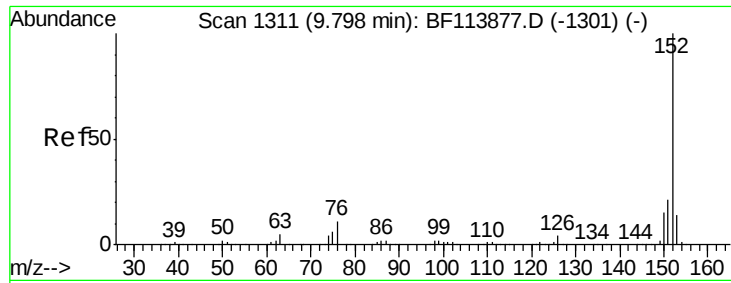
#48
 2-Nitroaniline
 Concen: 43.408 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	57.4	86.0
138	114.6	85.4	128.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.691 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

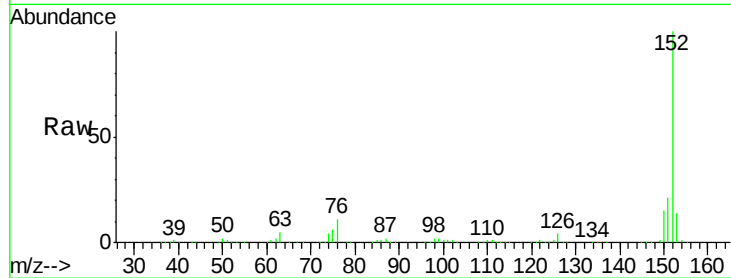
Tot Ion:152 Resp: 1511819

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

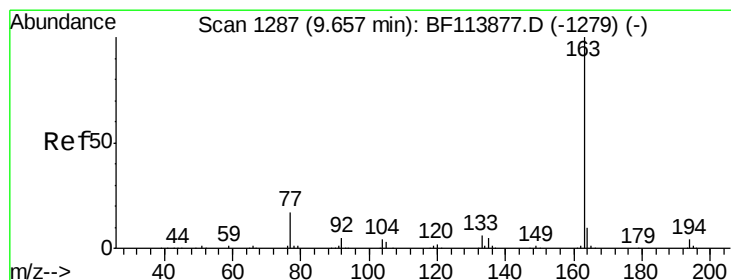
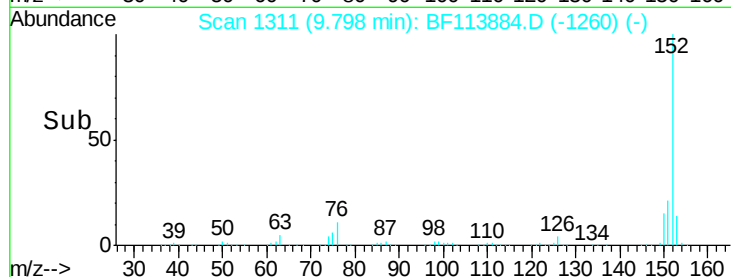
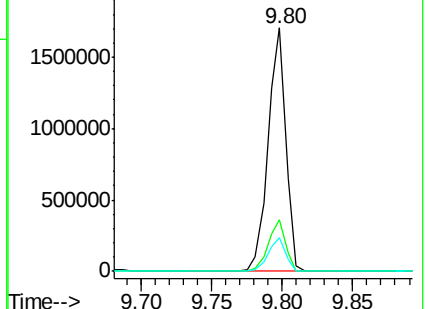
153 13.8 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.655 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

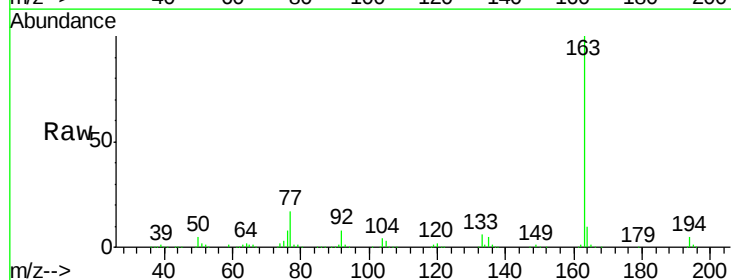
Tgt Ion:163 Resp: 1123237

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

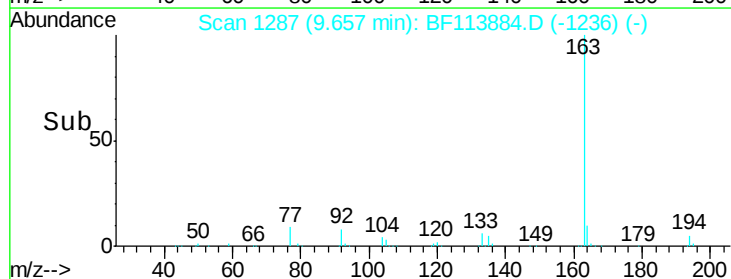
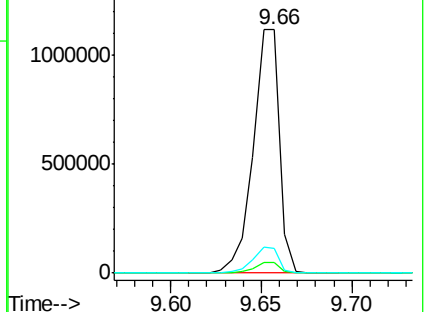
164 10.0 8.5 12.7

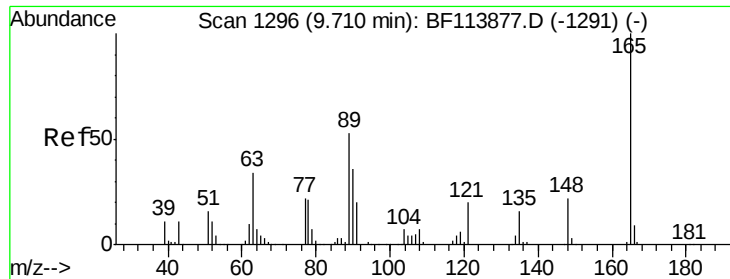


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

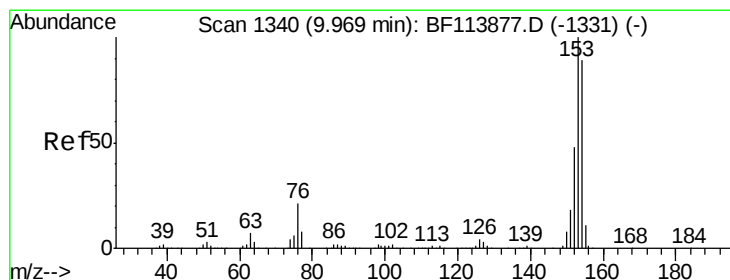
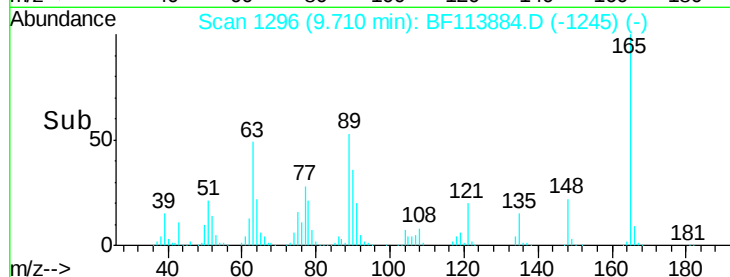
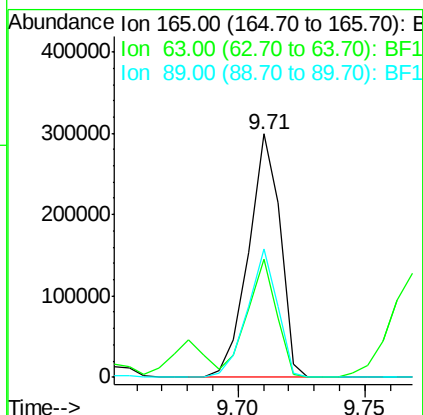
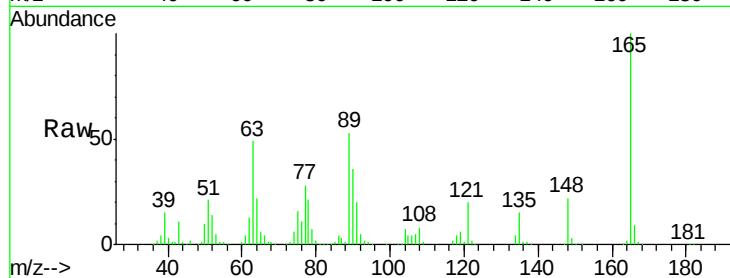




#51
 2,6-Dinitrotoluene
 Concen: 44.041 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

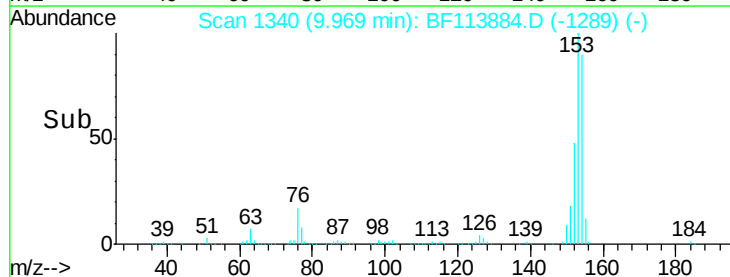
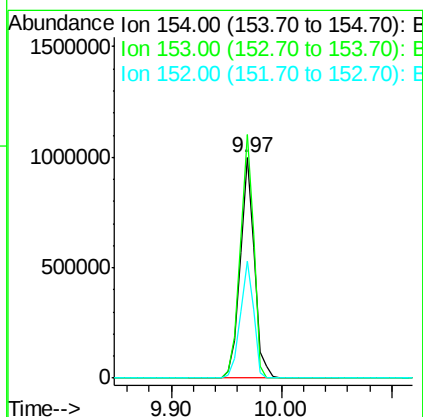
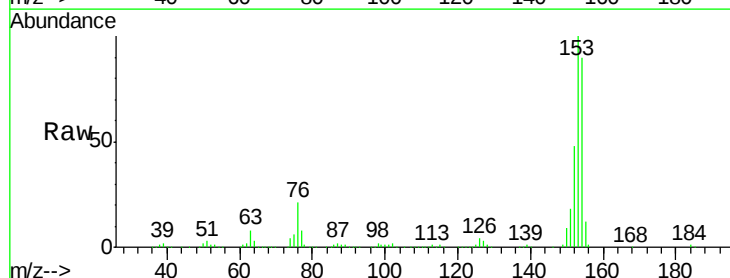
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

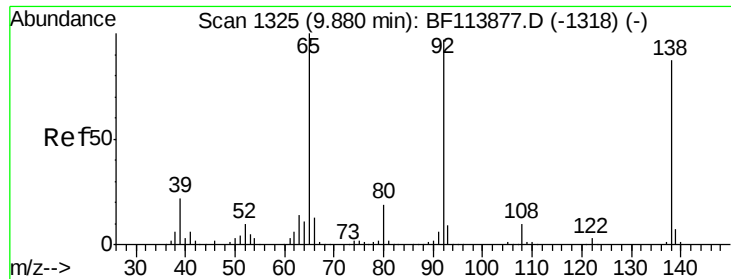
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.8	33.8	50.8
89	52.6	38.2	57.2



#52
 Acenaphthene
 Concen: 41.065 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	87.2	130.8
152	53.3	42.3	63.5

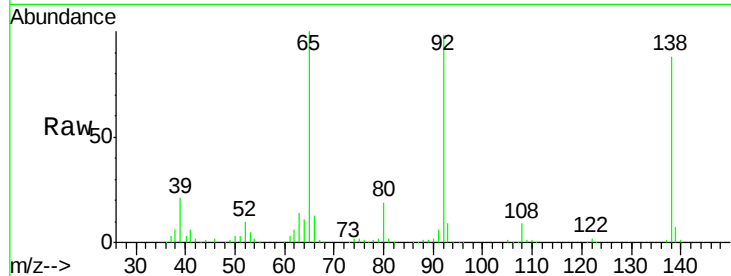




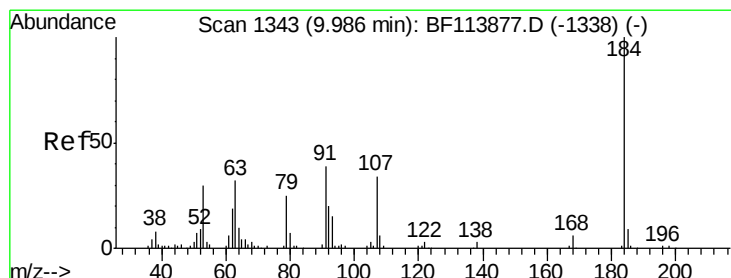
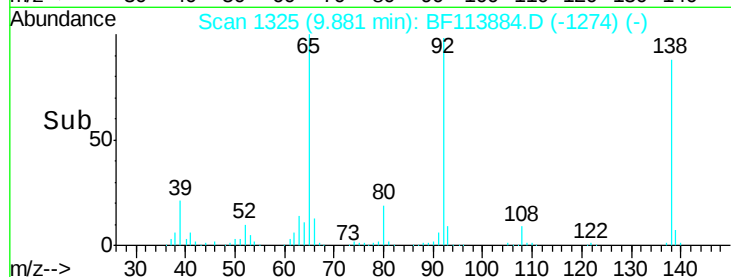
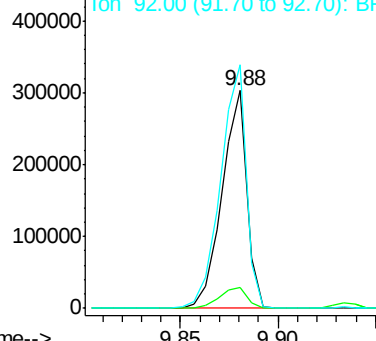
#53
 3-Nitroaniline
 Concen: 42.854 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 266921
 Ion Ratio Lower Upper
 138 100
 108 9.8 9.4 14.2
 92 111.8 94.1 141.1

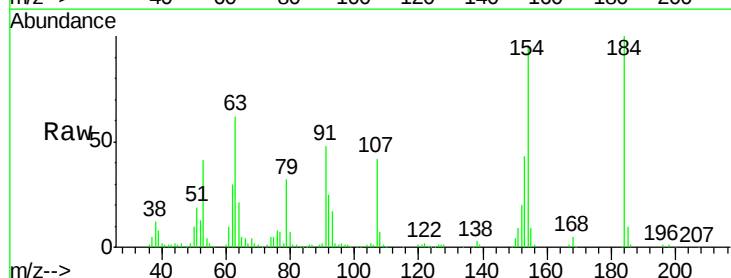


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

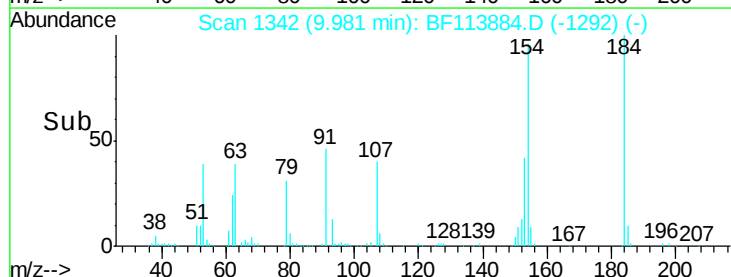
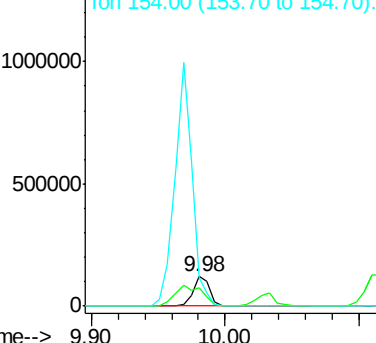


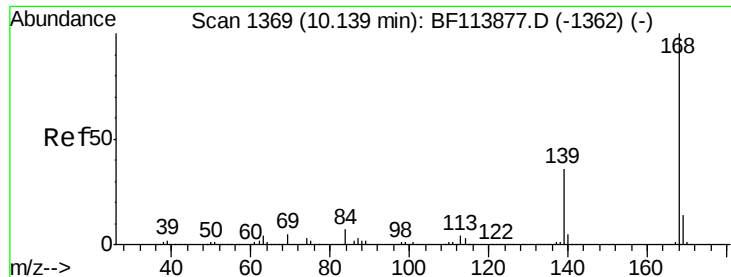
#54
 2,4-Dinitrophenol
 Concen: 44.642 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion:184 Resp: 103961
 Ion Ratio Lower Upper
 184 100
 63 62.5 54.6 81.8
 154 96.2 218.6 328.0#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

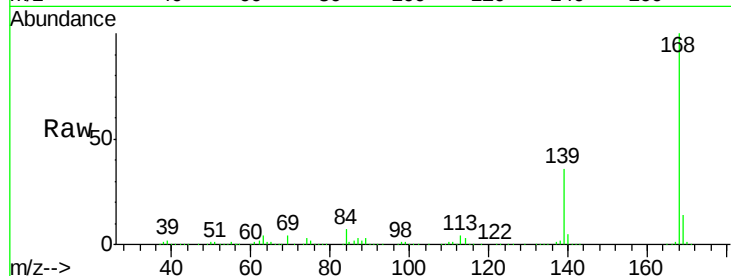




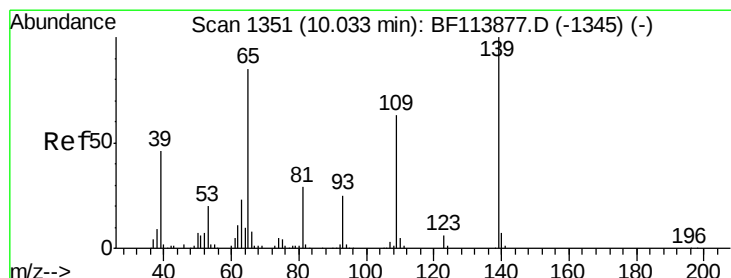
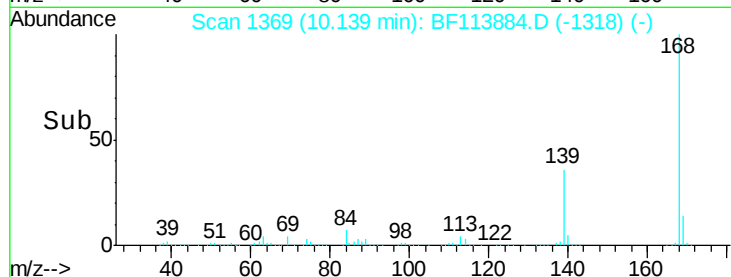
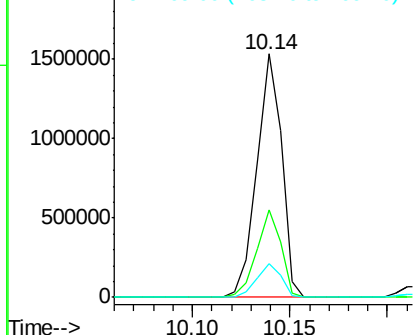
#55
Dibenzofuran
Concen: 41.223 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1355856
Ion Ratio Lower Upper
168 100
139 35.9 27.8 41.6
169 13.9 11.0 16.6

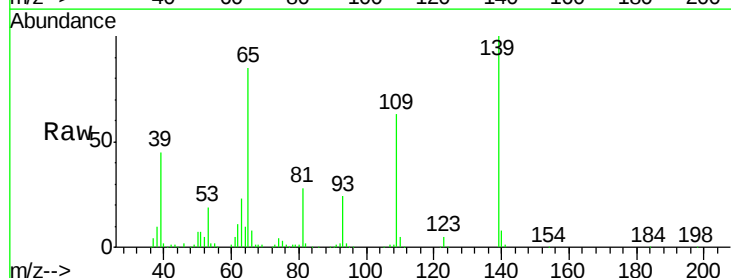


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

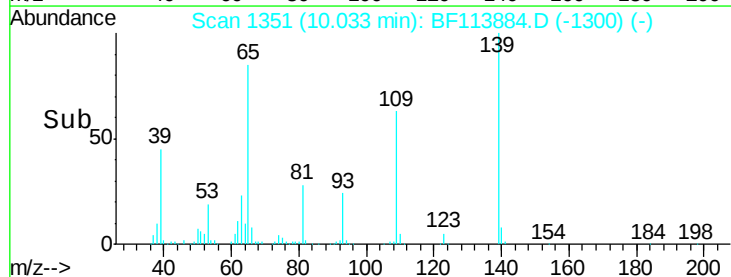
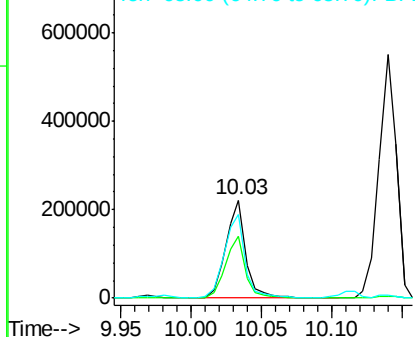


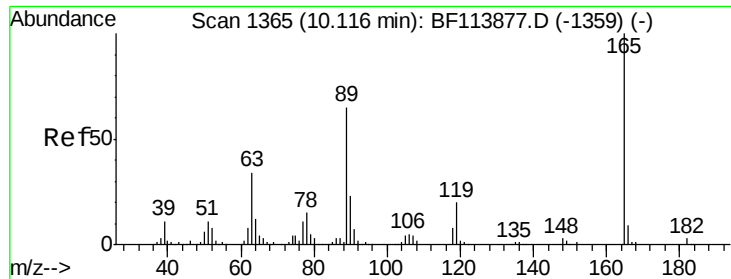
#56
4-Nitrophenol
Concen: 43.987 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion:139 Resp: 216926
Ion Ratio Lower Upper
139 100
109 62.6 42.9 82.9
65 85.0 64.4 104.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

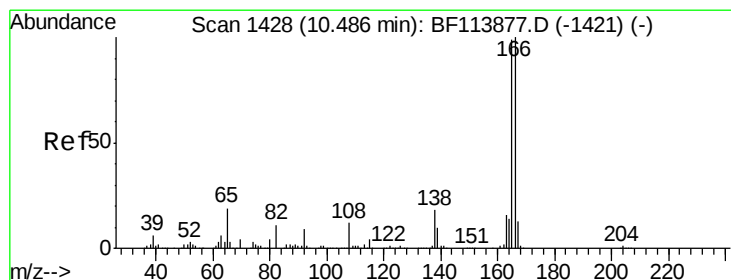
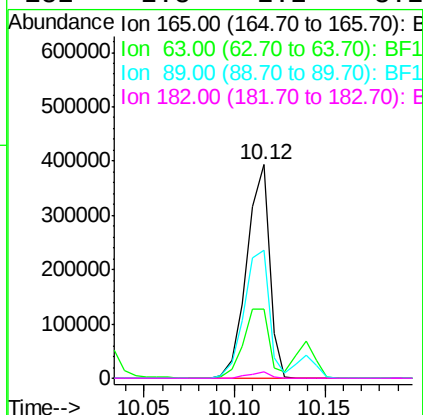
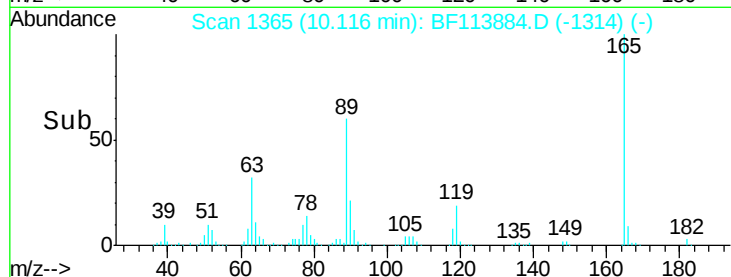
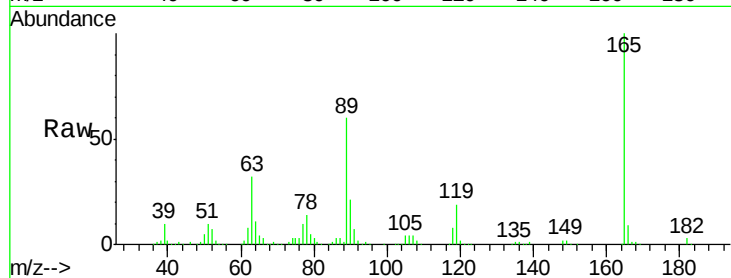




#57
2,4-Dinitrotoluene
Concen: 45.718 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

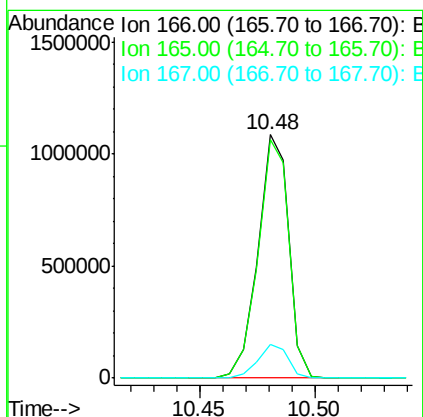
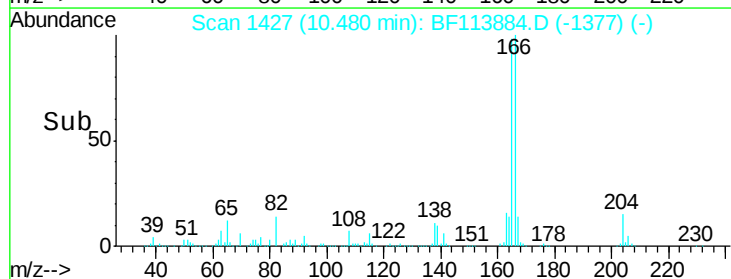
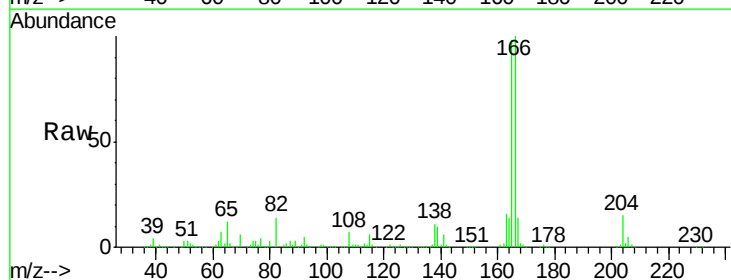
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

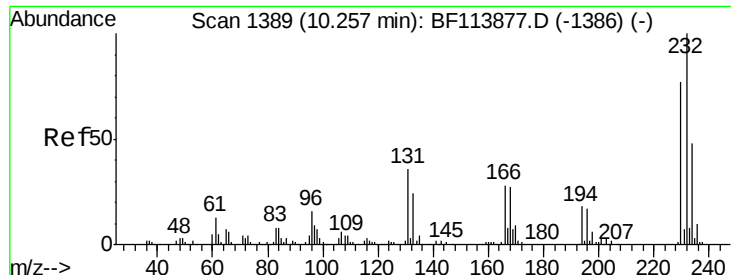
Tot Ion	Ratio	Lower	Upper
165	100		
63	32.2	27.4	41.0
89	59.8	51.8	77.6
182	2.8	2.2	3.2



#58
Fluorene
Concen: 40.648 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.4	117.6
167	13.8	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.048 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 318824

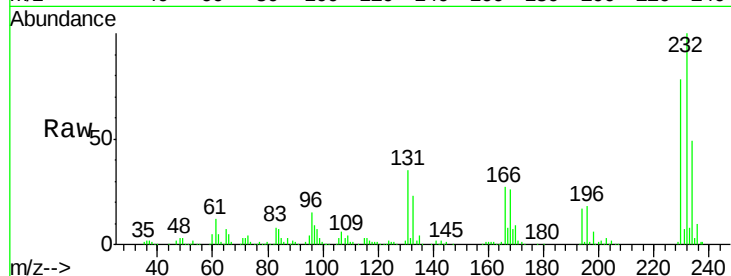
Ion Ratio Lower Upper

232 100

131 38.2 30.2 45.2

130 1.8 1.5 2.3

166 27.1 22.2 33.4

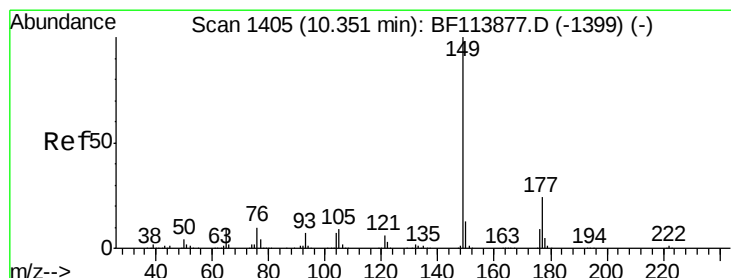
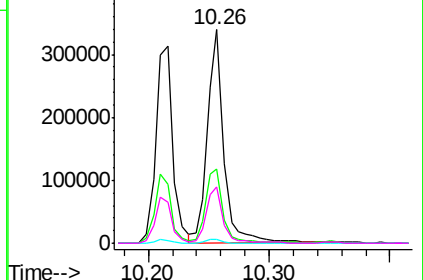
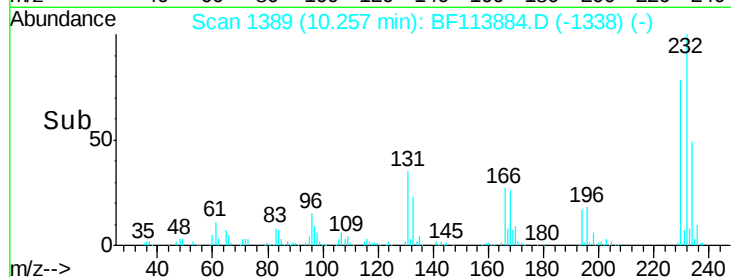


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.385 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

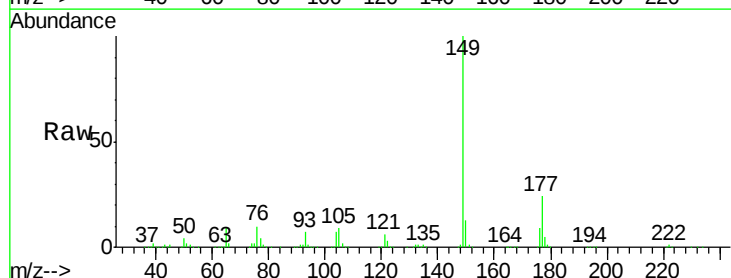
Tgt Ion:149 Resp: 1085800

Ion Ratio Lower Upper

149 100

177 24.3 19.2 28.8

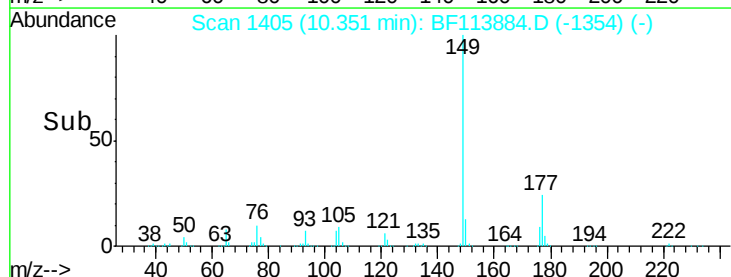
150 12.8 10.3 15.5



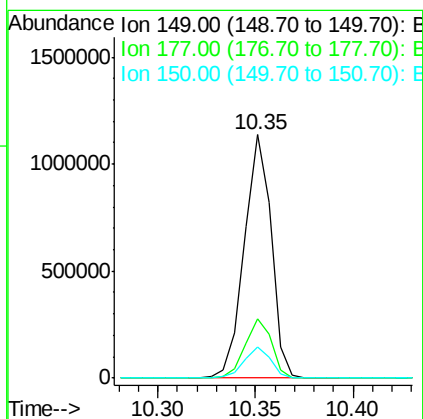
Abundance Ion 149.00 (148.70 to 149.70): E

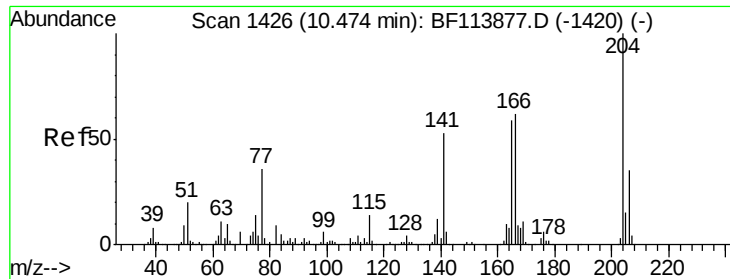
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

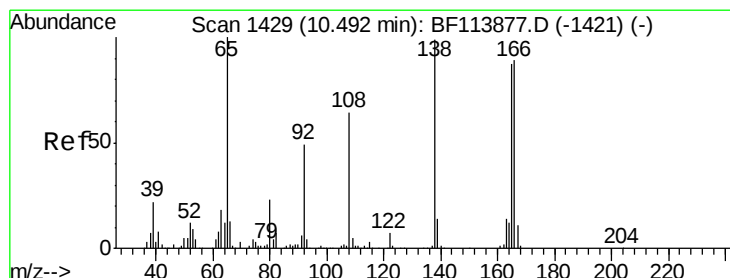
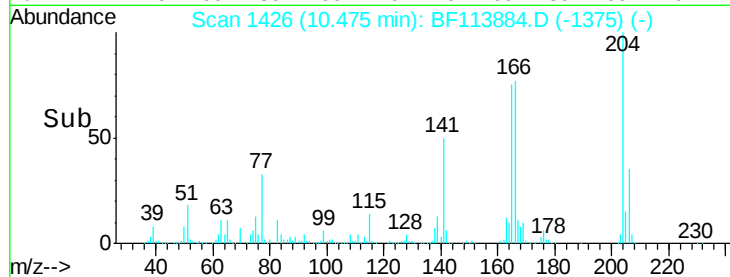
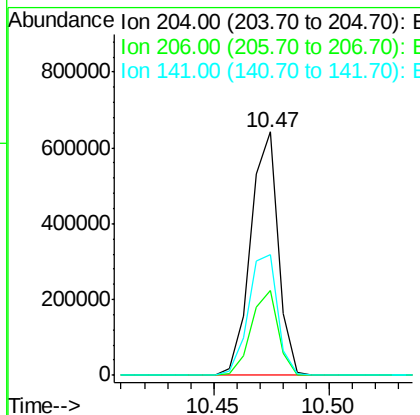
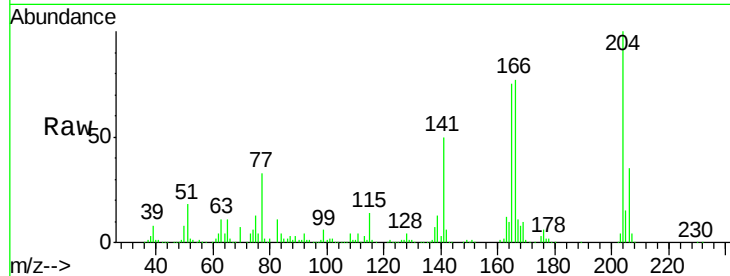




#61
4-Chlorophenyl-phenylether
Concen: 40.879 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

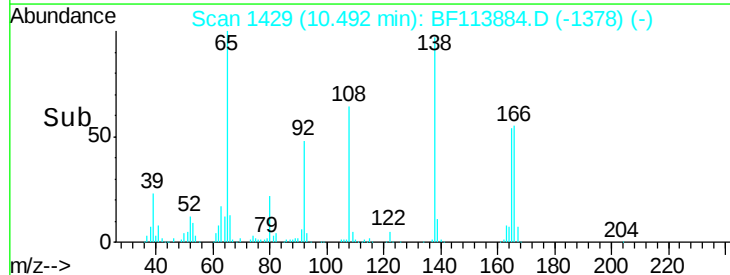
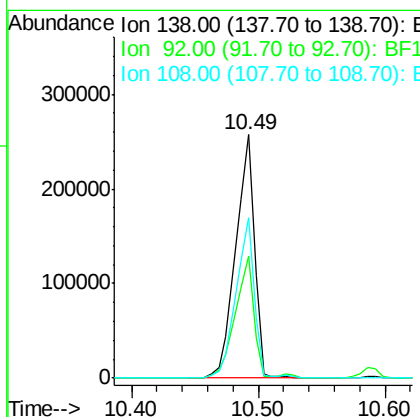
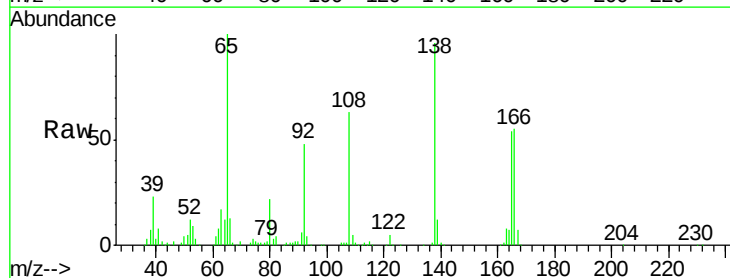
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

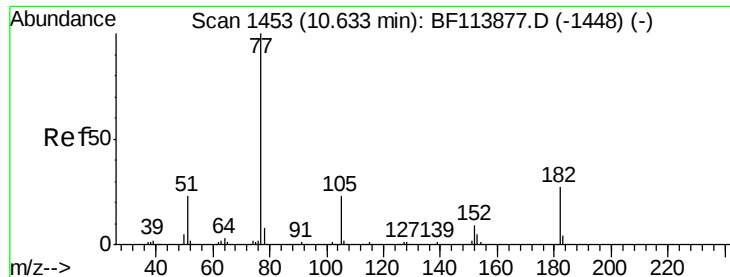
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.4	41.2
141	49.7	42.6	63.8



#62
4-Nitroaniline
Concen: 43.115 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	31.3	71.3
108	65.8	48.9	88.9





#63

Azobenzene

Concen: 40.913 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1040353

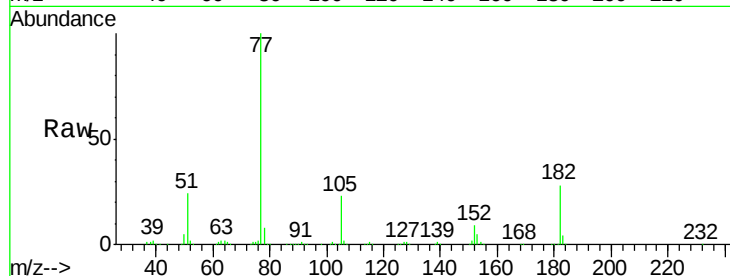
Ion	Ratio	Lower	Upper
77	100		
182	28.4	4.4	44.4
105	22.8	2.2	42.2
51	23.6	3.9	43.9

77 100

182 28.4 4.4 44.4

105 22.8 2.2 42.2

51 23.6 3.9 43.9



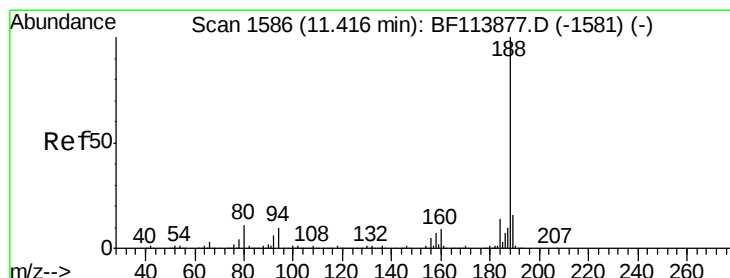
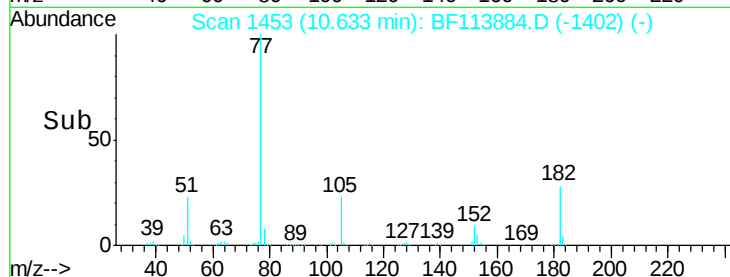
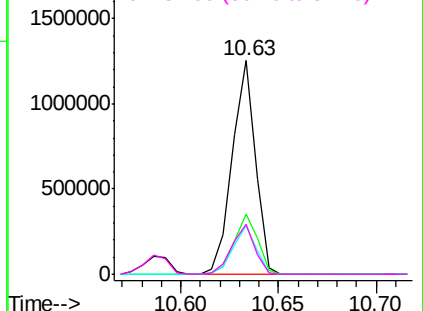
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

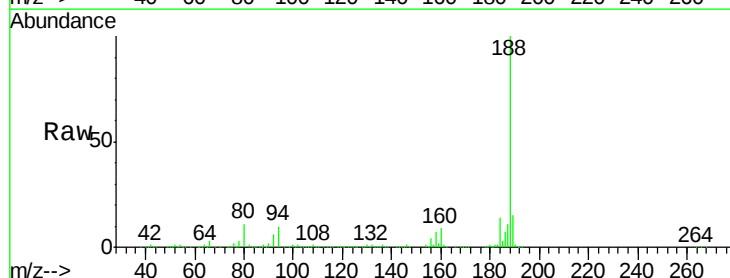
Tgt Ion: 188 Resp: 764939

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.4
80	10.6	9.0	13.6

188 100

94 9.7 8.2 12.4

80 10.6 9.0 13.6

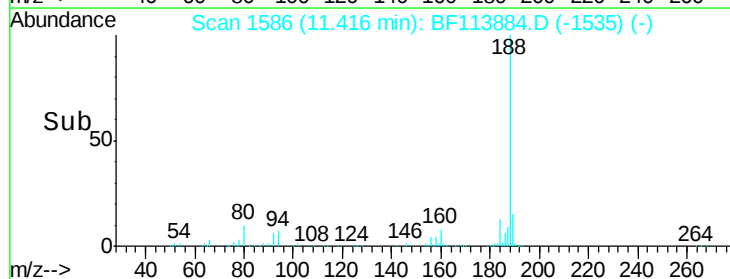
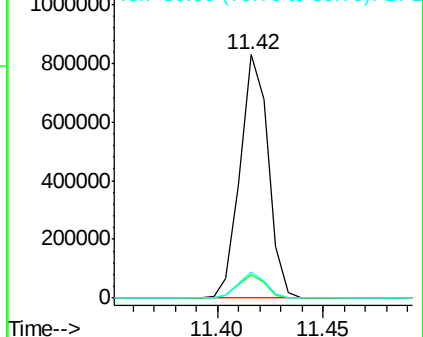


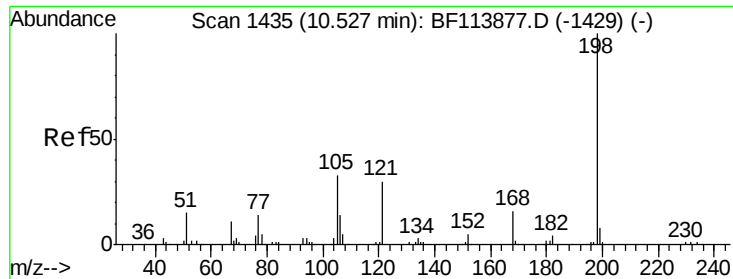
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.488 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

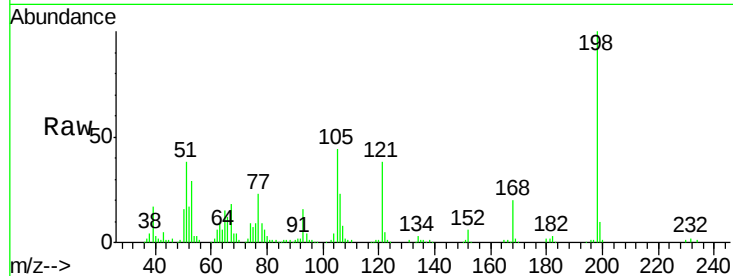
Tot Ion:198 Resp: 149631

Ion Ratio Lower Upper

198 100

51 37.8 11.1 51.1

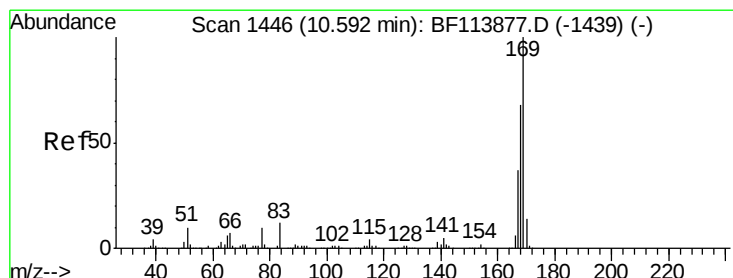
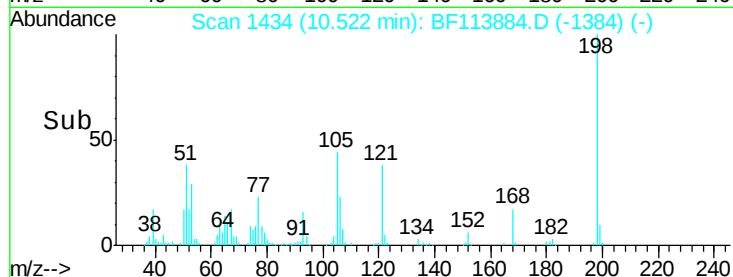
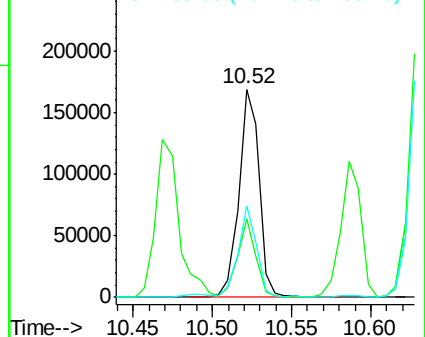
105 43.7 20.7 60.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.914 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

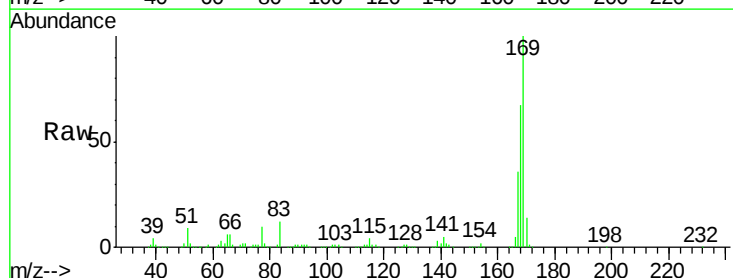
Tgt Ion:169 Resp: 916118

Ion Ratio Lower Upper

169 100

168 67.2 54.3 81.5

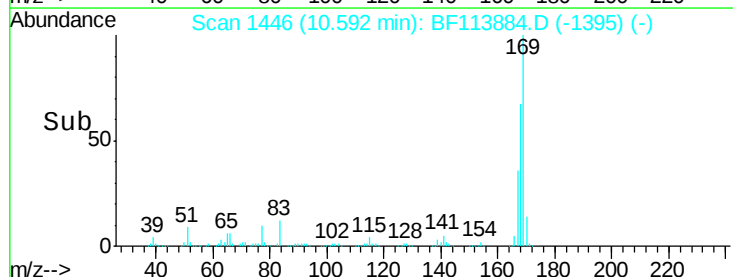
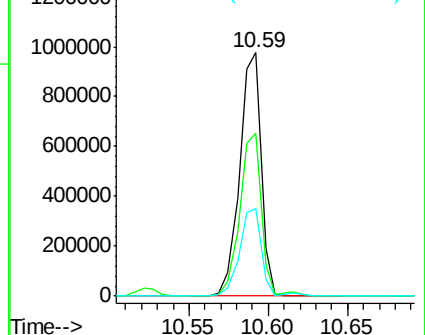
167 36.1 29.4 44.0

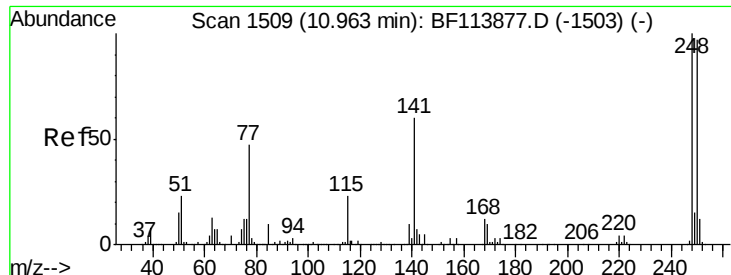


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

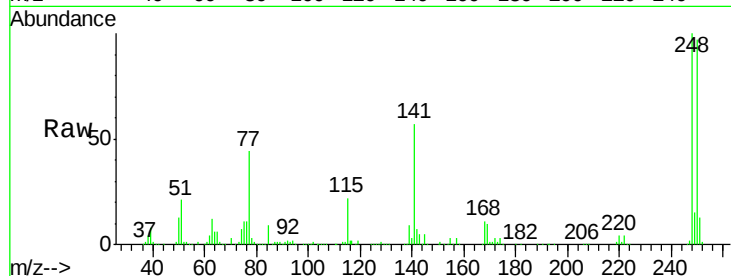




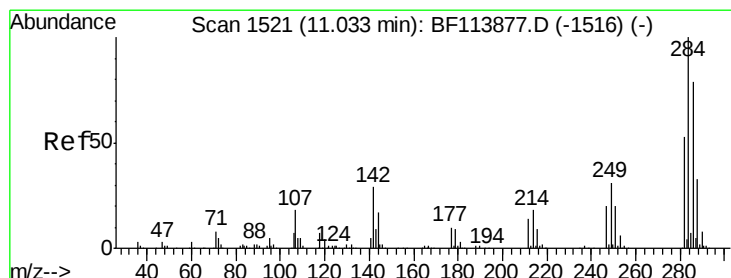
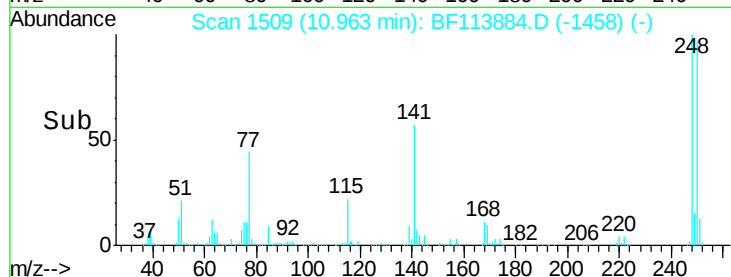
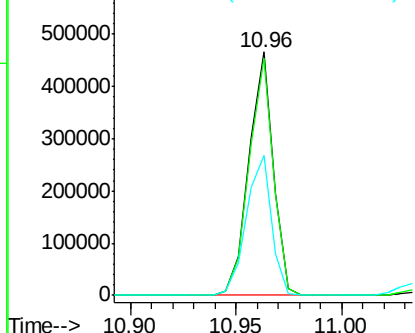
#67
 4-Bromophenyl-phenylether
 Concen: 40.469 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 373966
 Ion Ratio Lower Upper
 248 100
 250 97.3 75.8 113.6
 141 57.4 50.2 75.4

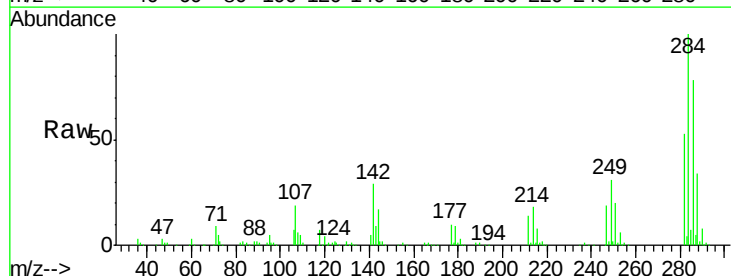


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

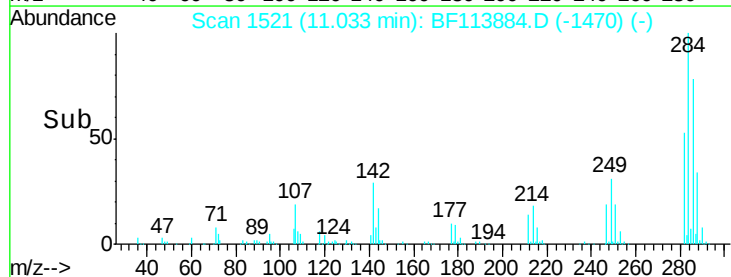
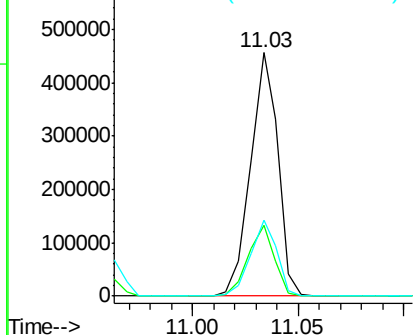


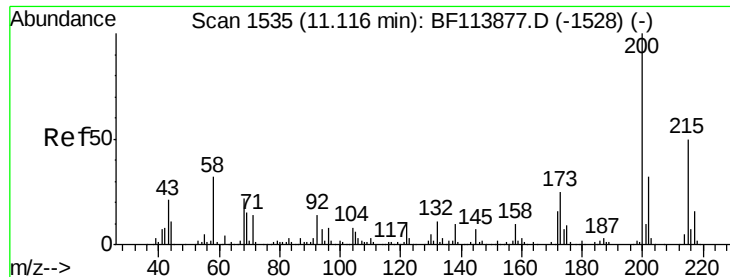
#68
 Hexachlorobenzene
 Concen: 40.340 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion:284 Resp: 409635
 Ion Ratio Lower Upper
 284 100
 142 29.0 23.0 34.4
 249 31.2 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.296 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

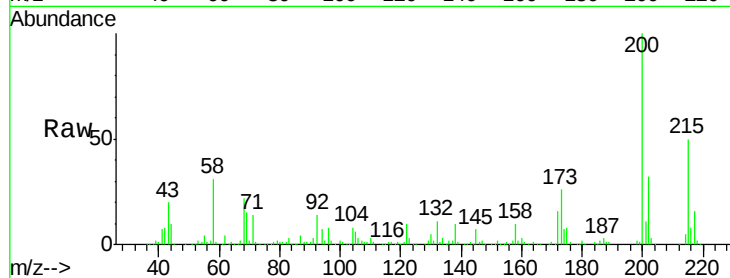
Tot Ion:200 Resp: 300867

Ion Ratio Lower Upper

200 100

173 25.7 5.9 45.9

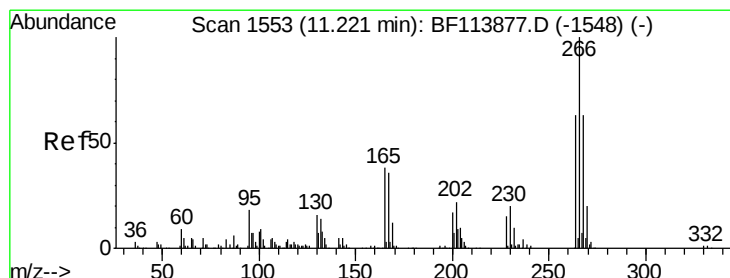
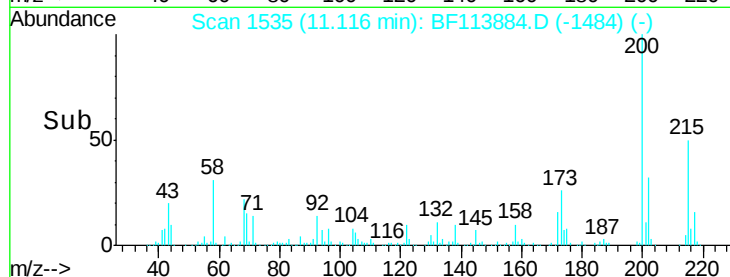
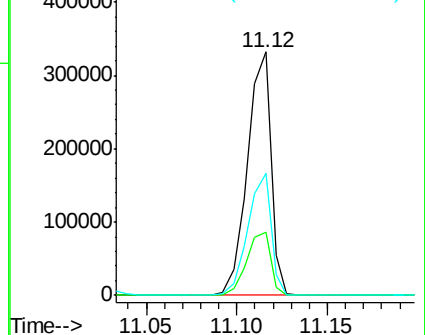
215 50.0 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.245 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

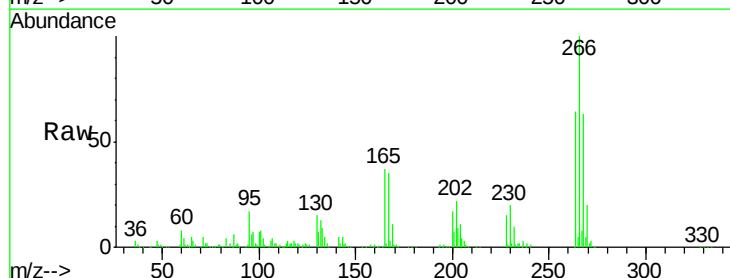
Tgt Ion:266 Resp: 242883

Ion Ratio Lower Upper

266 100

268 62.9 53.5 80.3

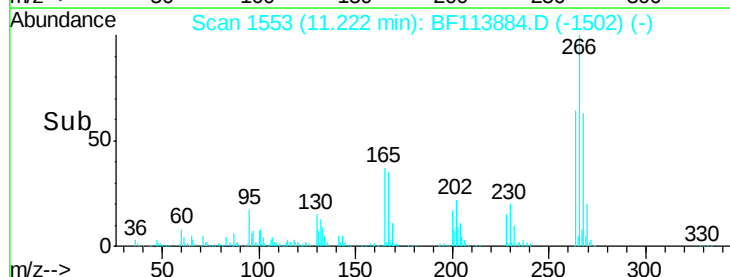
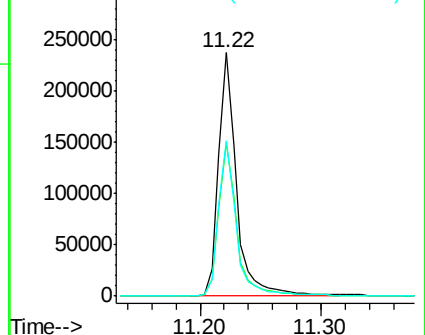
264 63.8 51.0 76.6

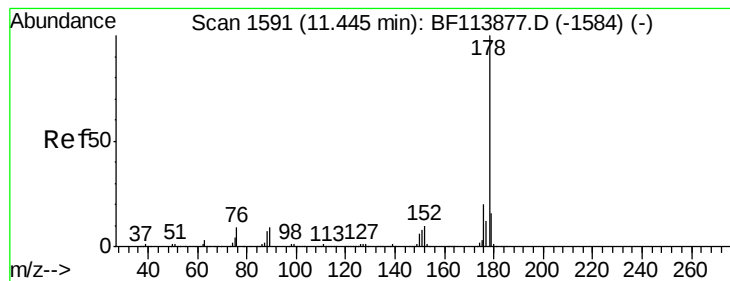


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.721 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

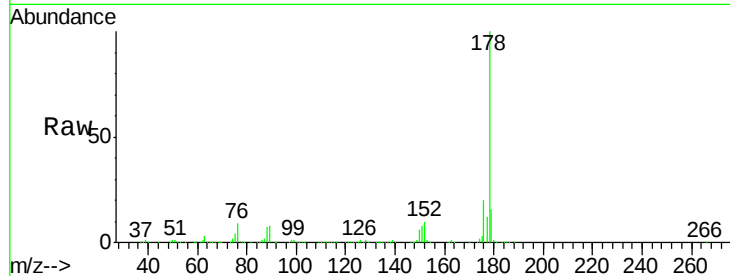
Tot Ion:178 Resp: 1565402

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	16.0	12.8	19.2

178 100

176 20.1 16.1 24.1

179 16.0 12.8 19.2

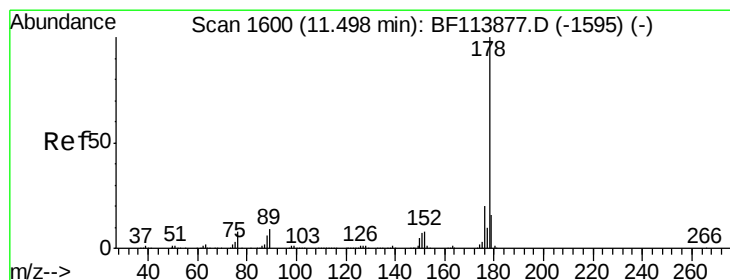
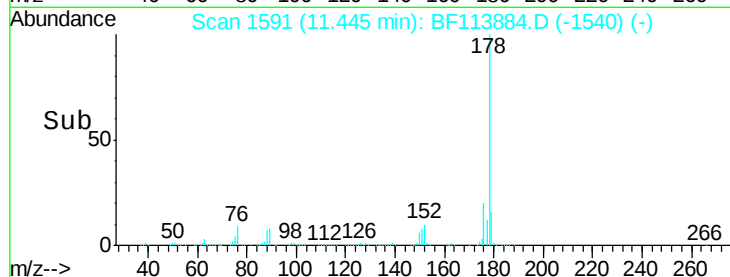
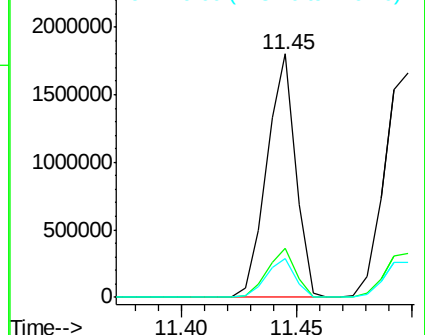


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.561 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

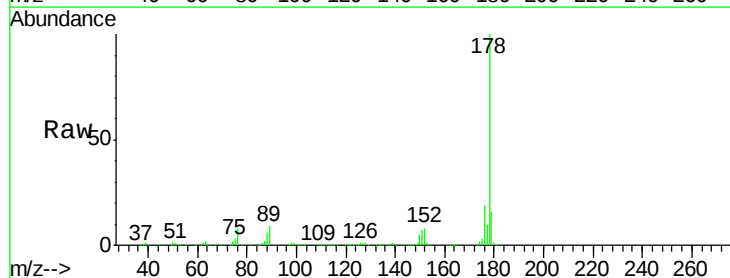
Tgt Ion:178 Resp: 1574593

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.7	13.0	19.4

178 100

176 19.5 15.7 23.5

179 15.7 13.0 19.4

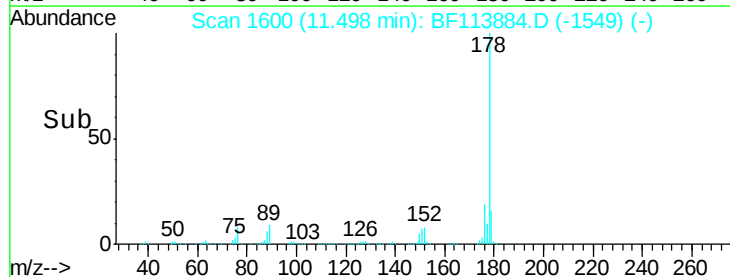
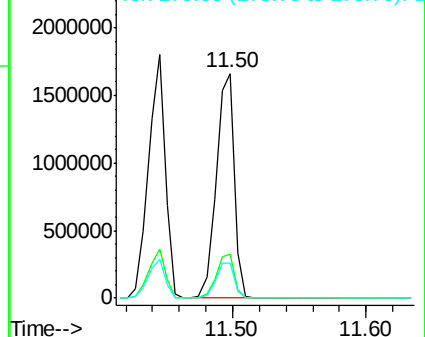


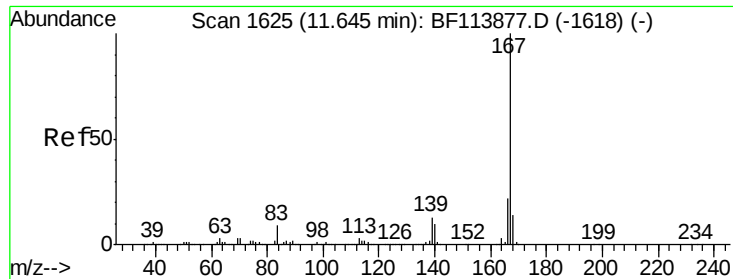
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.979 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

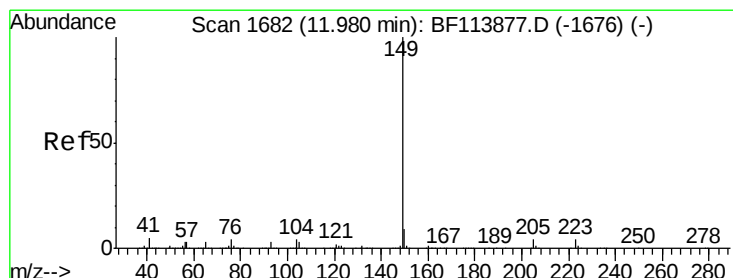
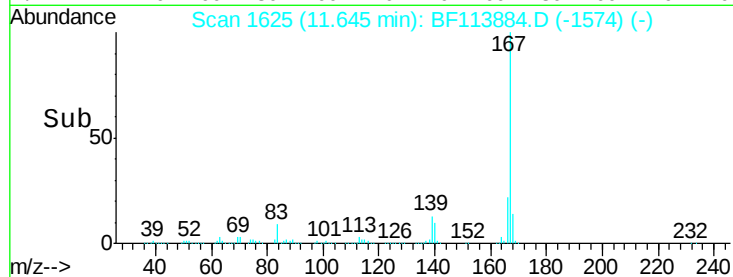
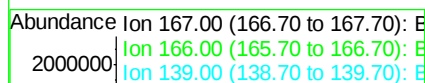
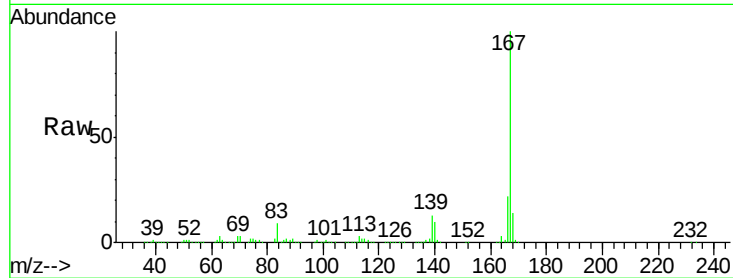
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1419253

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	12.9	10.0	15.0



#74

Di-n-butylphthalate

Concen: 40.731 ng

RT: 11.97 min Scan# 1681

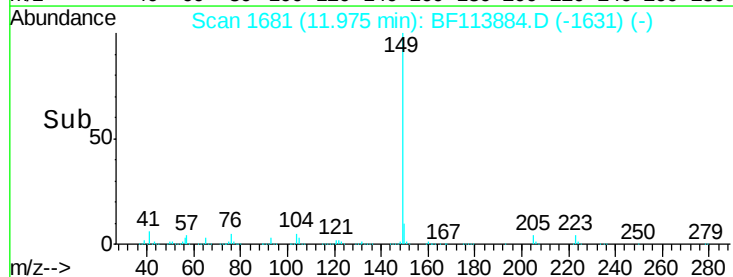
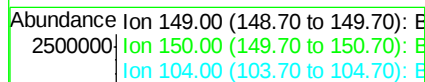
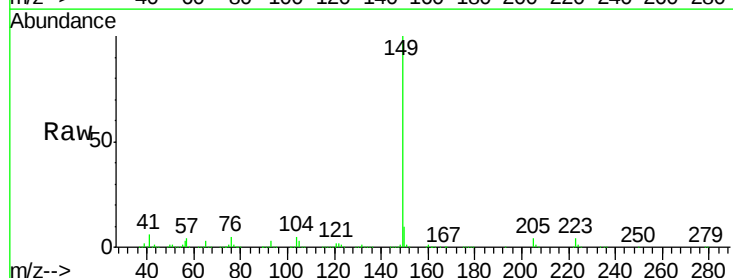
Delta R.T. -0.01 min

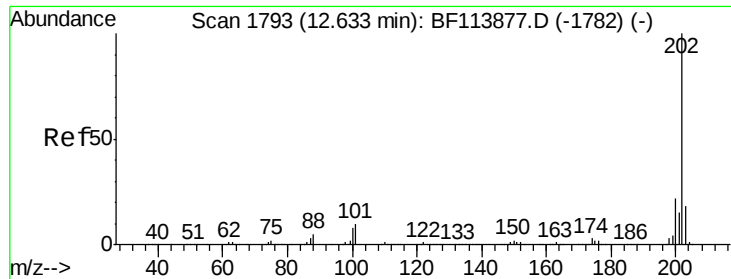
Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:149 Resp: 1659403

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.8
104	5.0	3.8	5.8

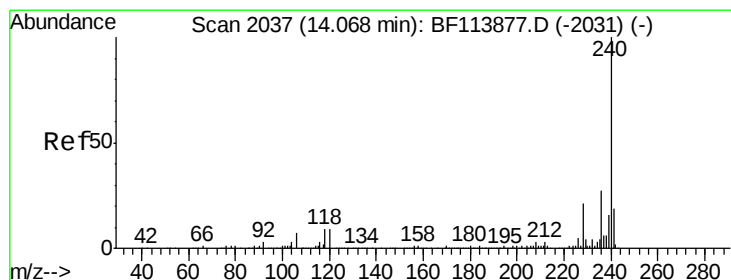
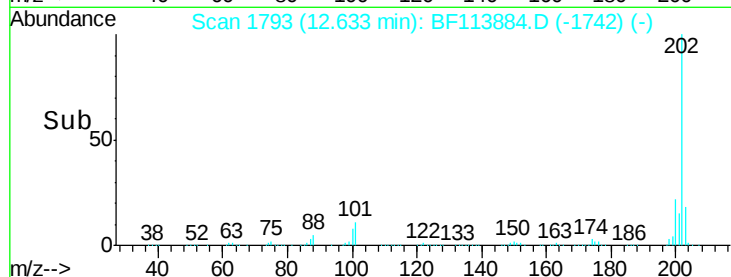
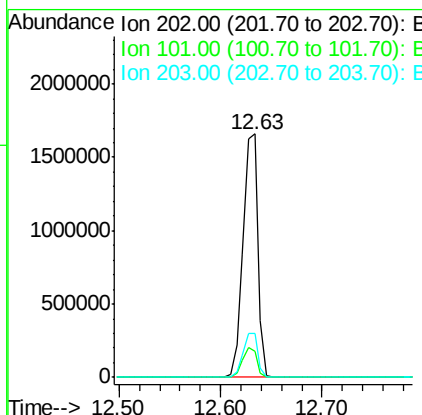
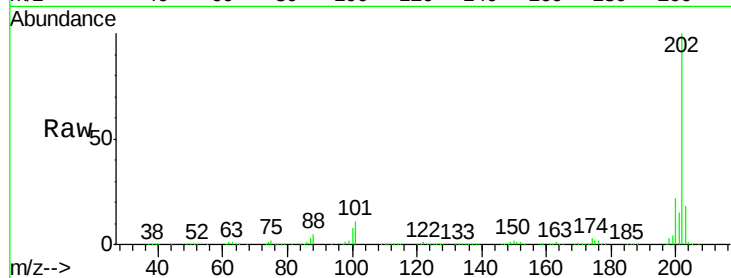




#75
 Fluoranthene
 Concen: 40.256 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

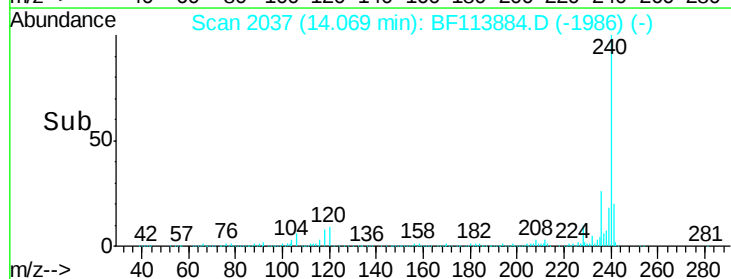
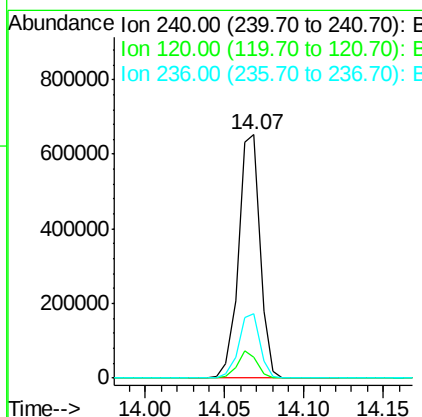
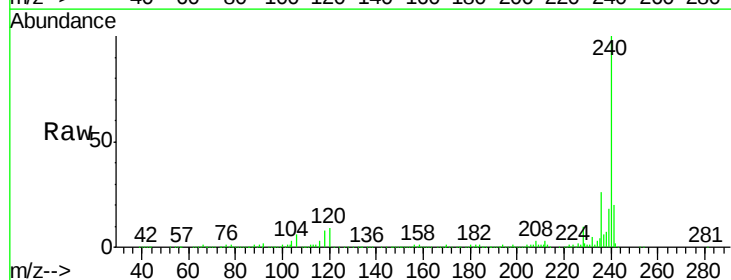
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

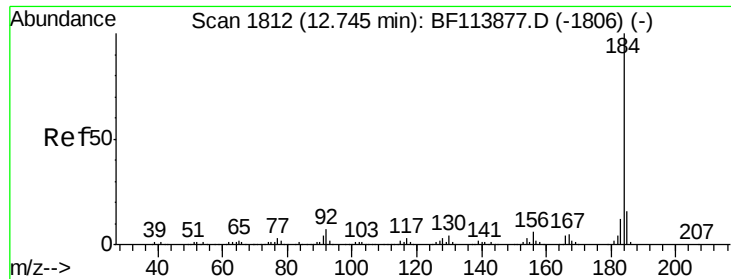
Tot Ion:202 Resp: 1688394
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 32.9
 203 18.3 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion:240 Resp: 613764
 Ion Ratio Lower Upper
 240 100
 120 8.8 9.3 13.9#
 236 26.5 21.2 31.8





#77

Benzidine

Concen: 47.353 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

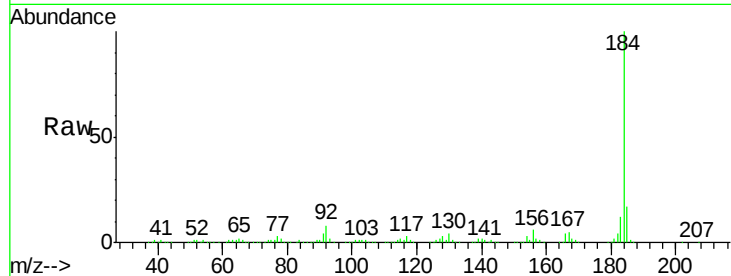
Tot Ion:184 Resp: 865974

Ion Ratio Lower Upper

184 100

185 16.6 13.0 19.6

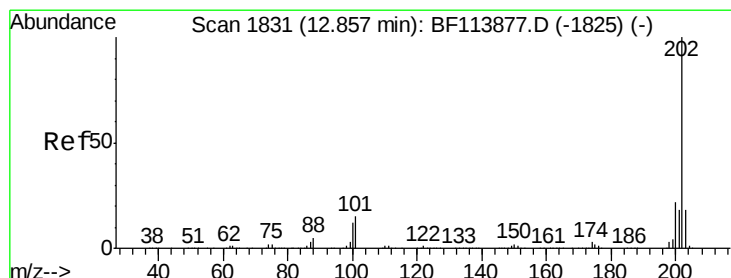
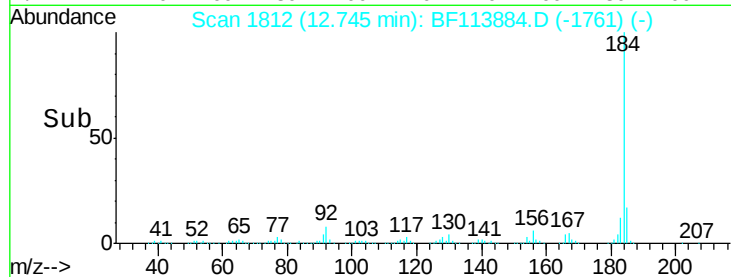
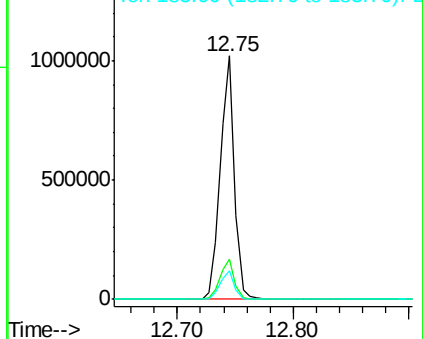
183 11.8 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.408 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

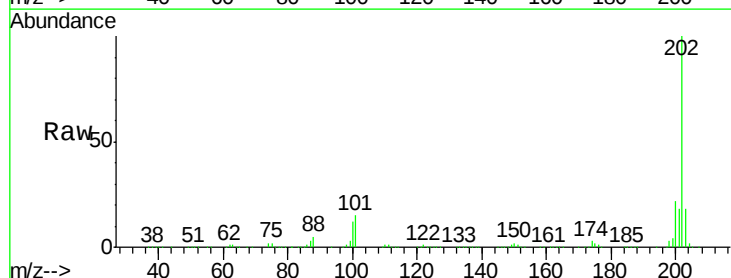
Tgt Ion:202 Resp: 1691465

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

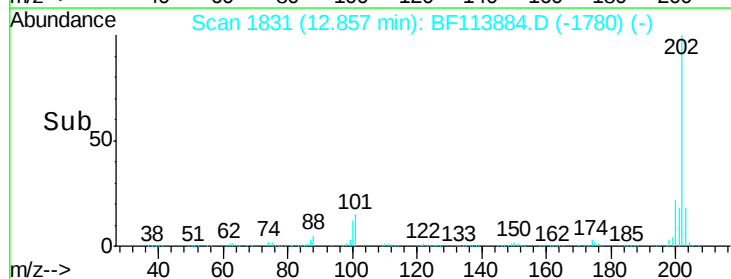
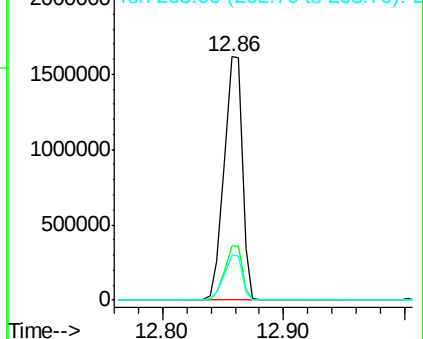
203 18.4 15.0 22.6

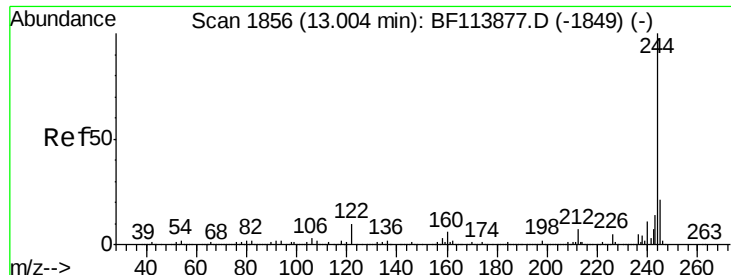


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.866 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

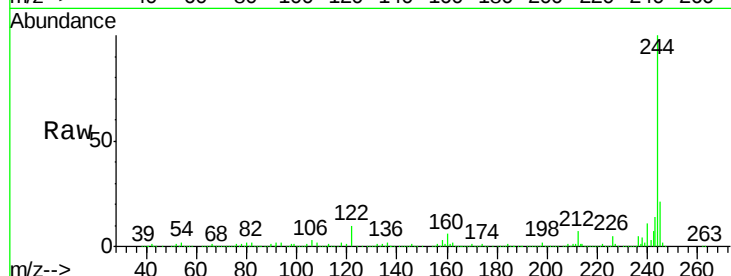
Tot Ion:244 Resp: 2331144

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

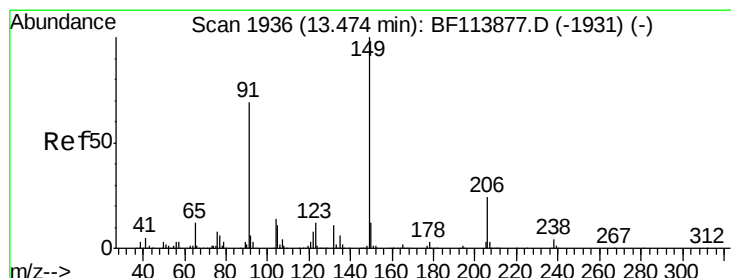
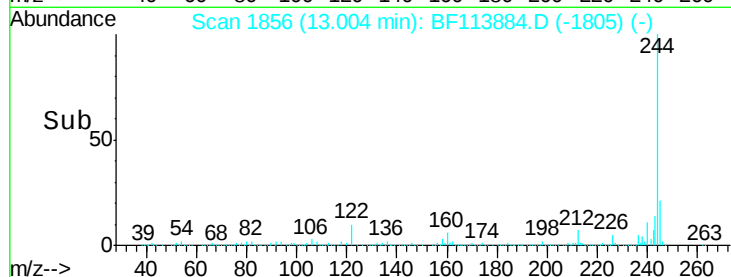
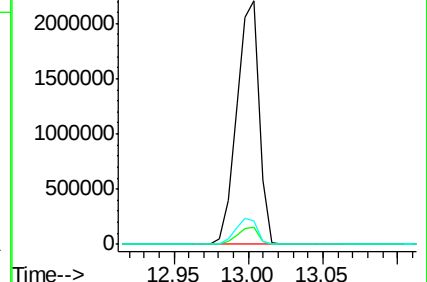
122 9.9 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.959 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

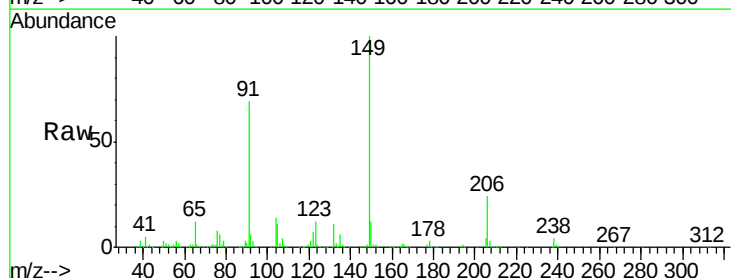
Tgt Ion:149 Resp: 674797

Ion Ratio Lower Upper

149 100

91 68.8 56.3 84.5

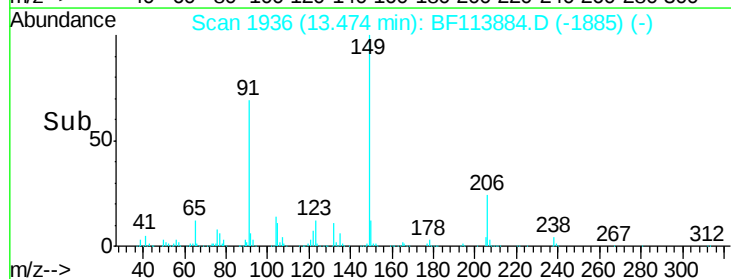
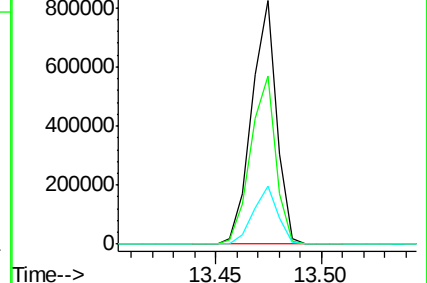
206 23.9 19.0 28.6

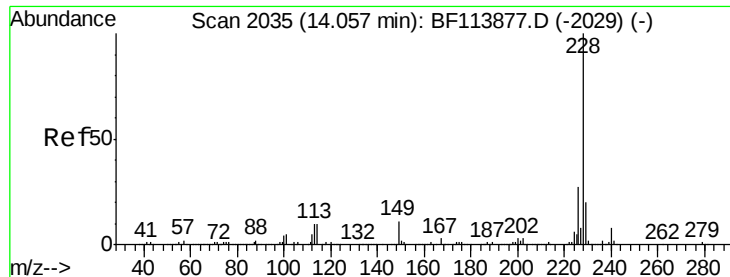


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.177 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

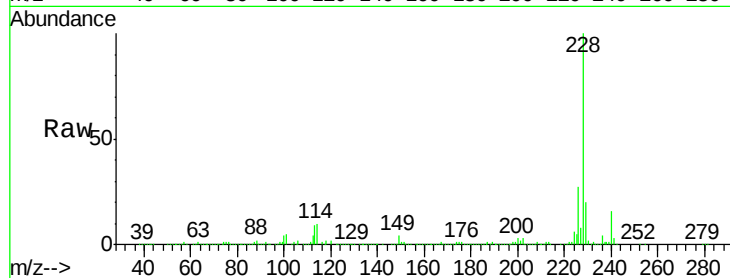
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1452886

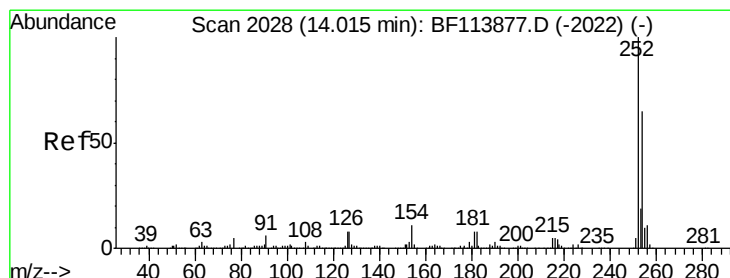
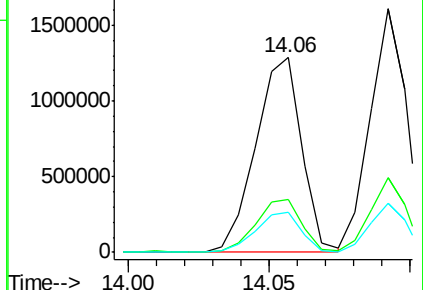
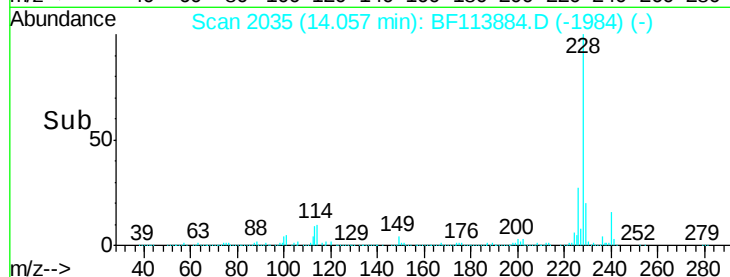
Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	20.3	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.134 ng

RT: 14.01 min Scan# 2027

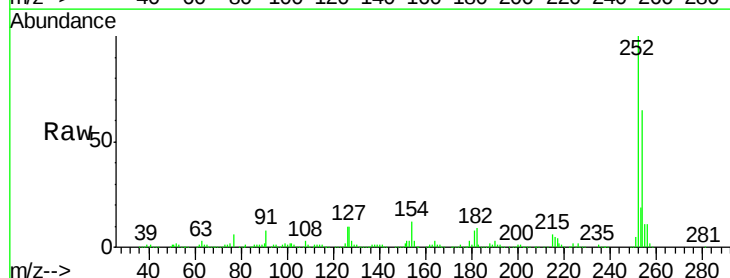
Delta R.T. -0.01 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:252 Resp: 558456

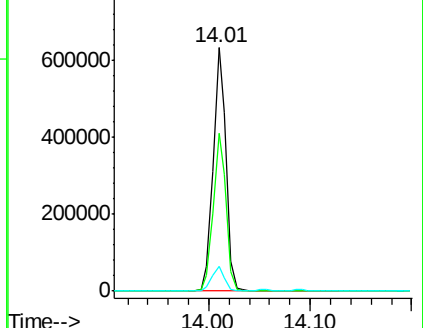
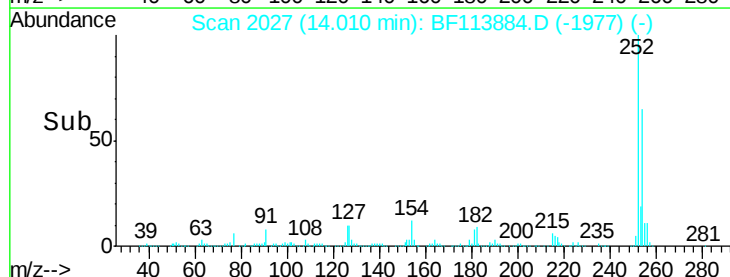
Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	9.9	9.3	13.9

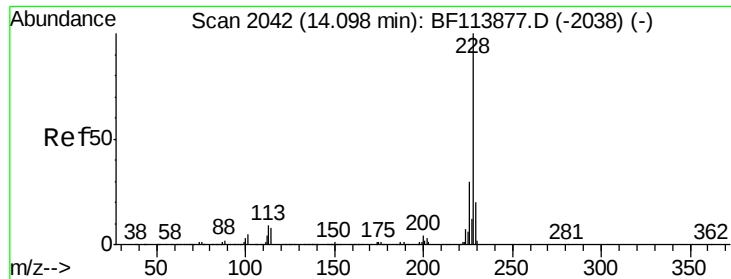


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

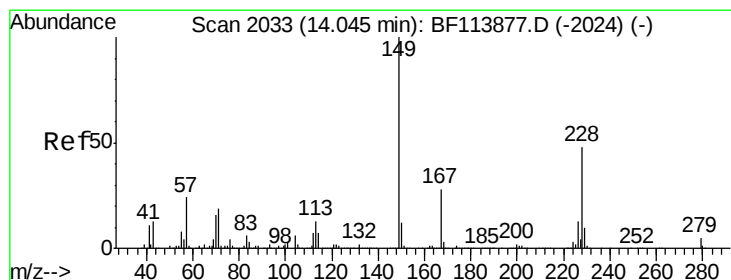
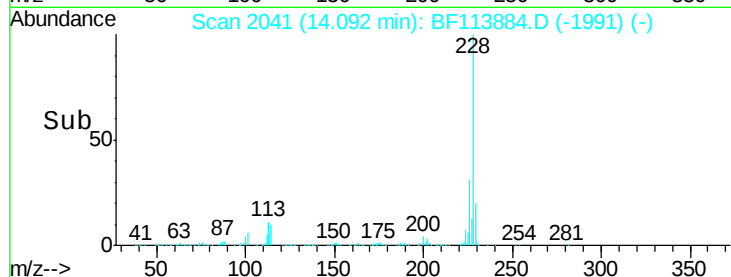
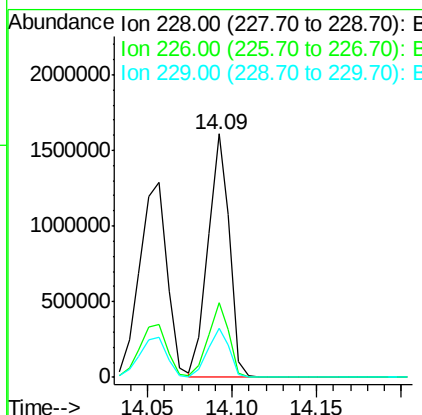
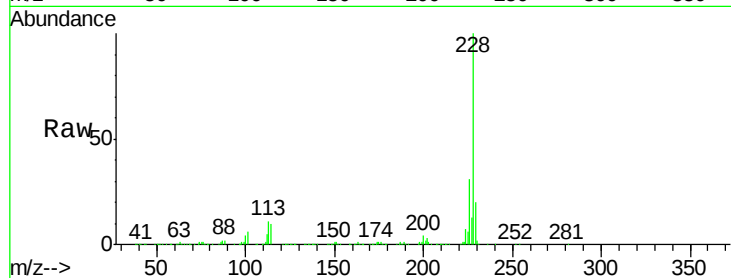




#83
 Chrysene
 Concen: 40.321 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

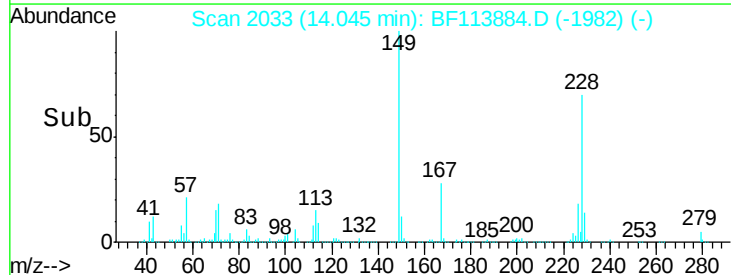
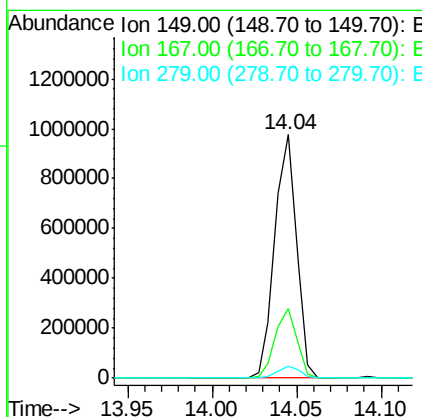
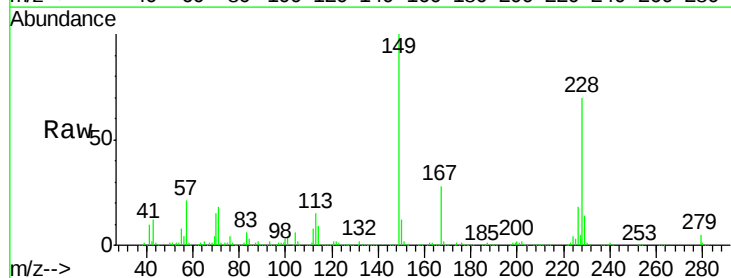
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

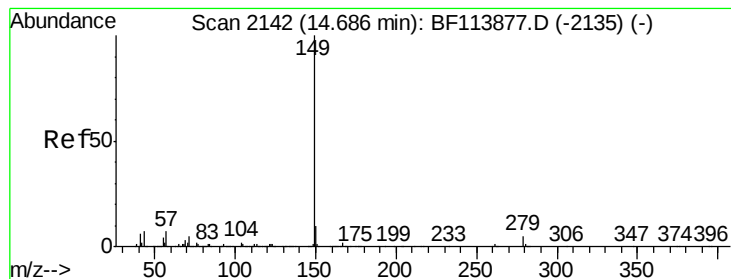
Tot Ion:228 Resp: 1420050
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.2 37.8
 229 20.1 16.7 25.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.705 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion:149 Resp: 874578
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.9 34.3
 279 5.1 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 41.010 ng

RT: 14.68 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

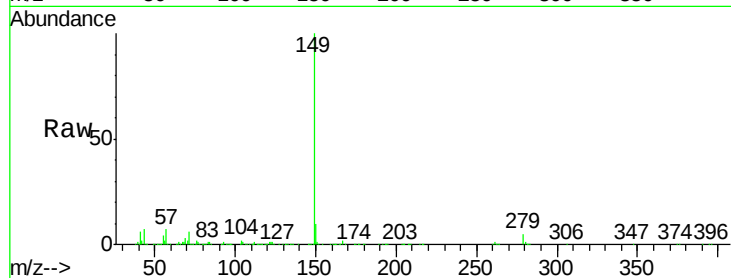
Tot Ion:149 Resp: 1379178

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

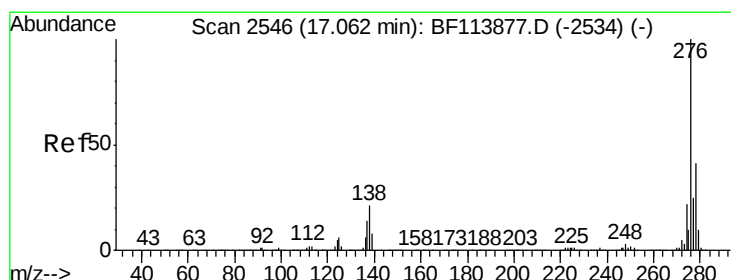
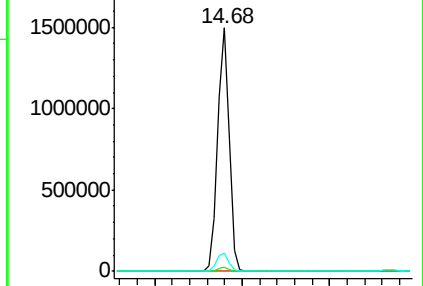
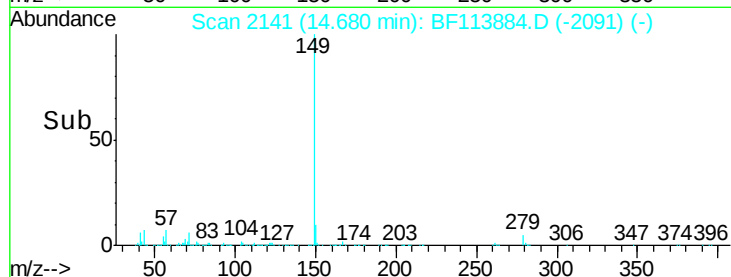
43 7.8 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.975 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

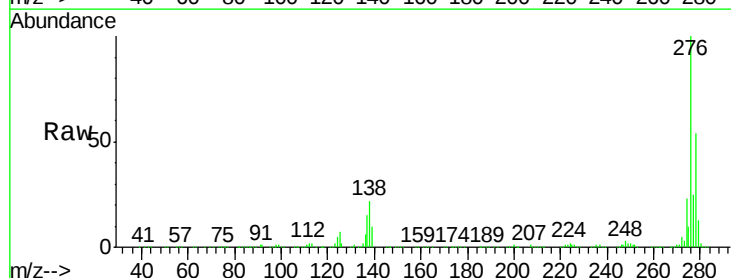
Tgt Ion:276 Resp: 1166756

Ion Ratio Lower Upper

276 100

138 22.5 19.6 29.4

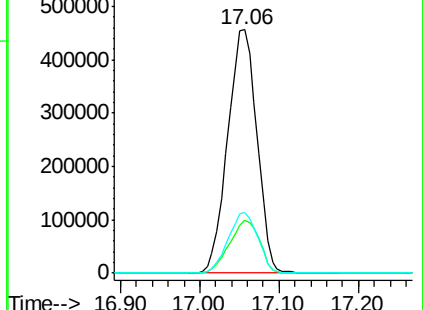
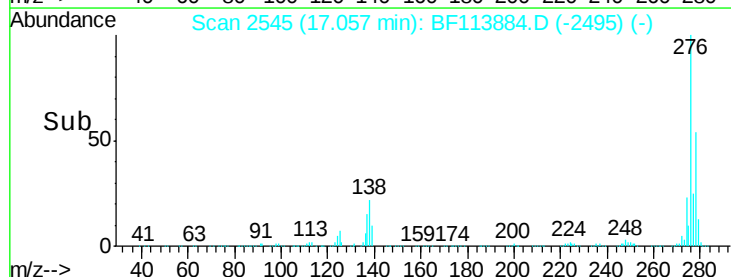
277 25.2 20.2 30.4

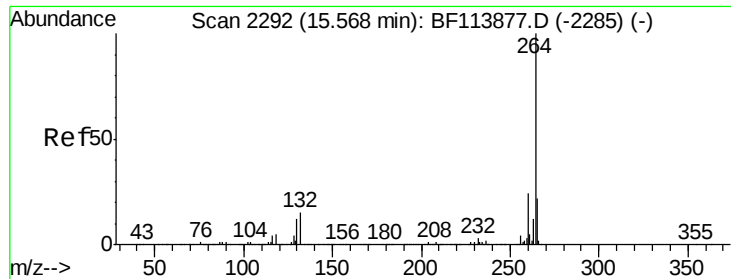


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

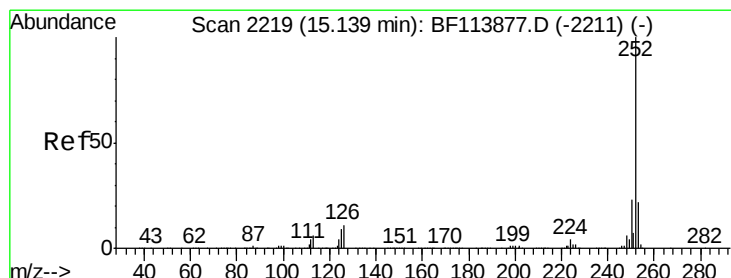
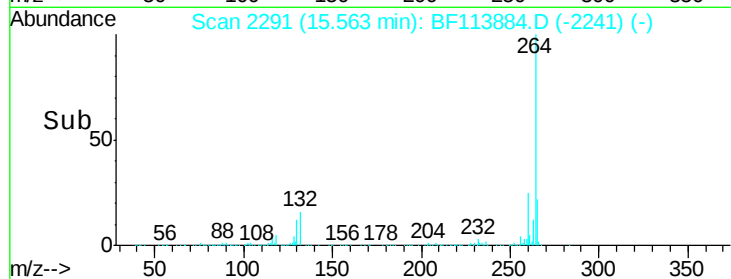
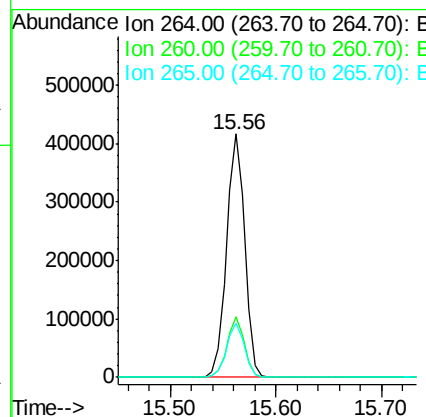
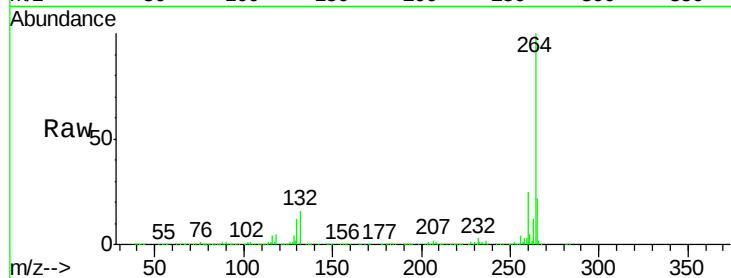




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

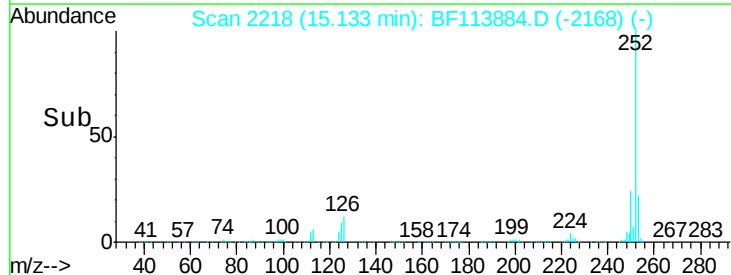
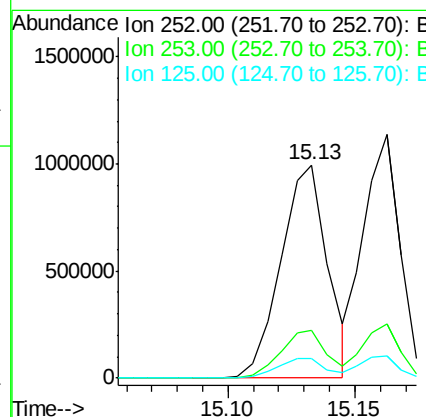
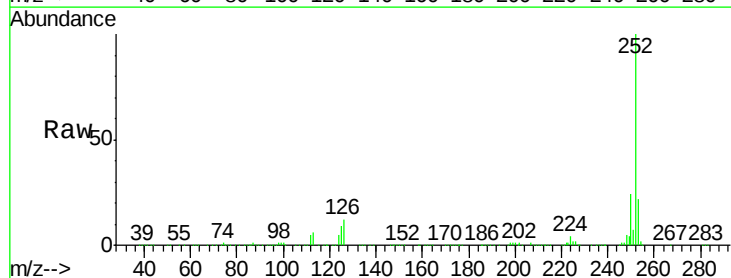
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

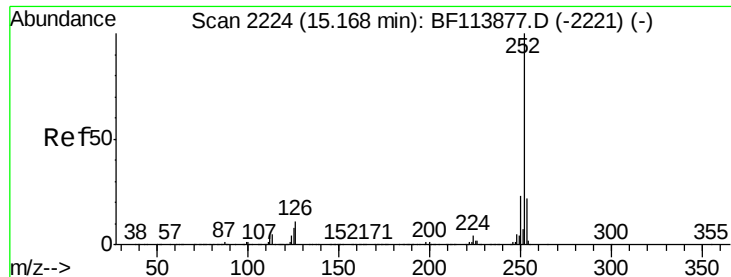
Tot Ion:264 Resp: 500018
Ion Ratio Lower Upper
264 100
260 24.8 18.9 28.3
265 22.1 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 40.389 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion:252 Resp: 1277730
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.9 7.0 10.6

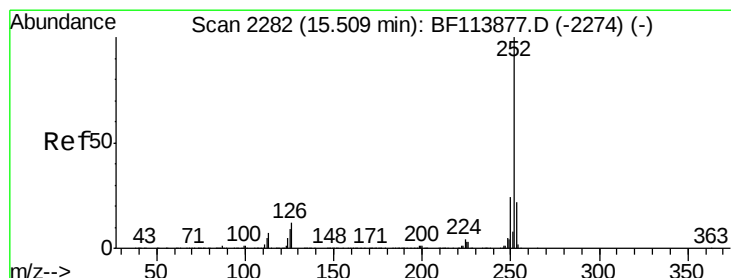
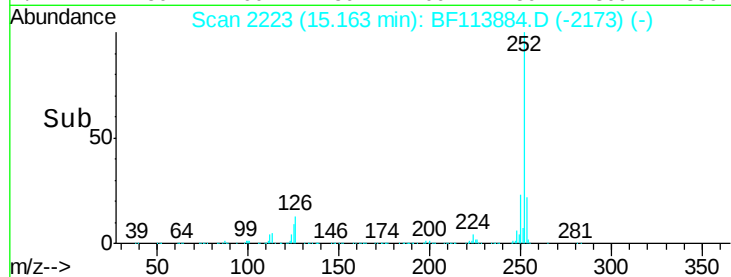
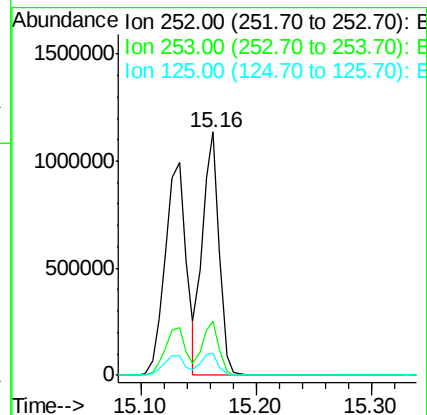
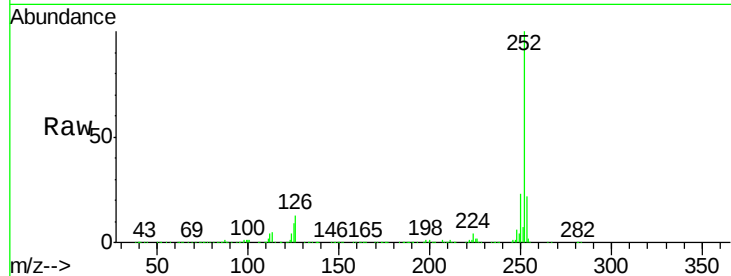




#89
Benzo(k)fluoranthene
Concen: 42.174 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

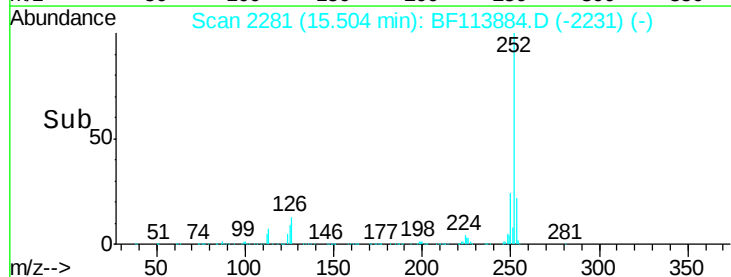
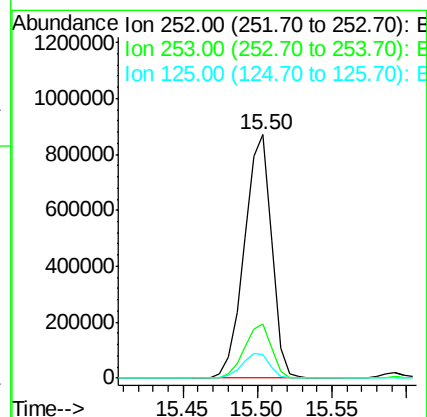
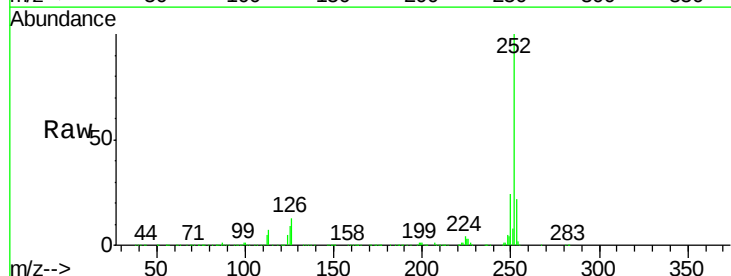
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

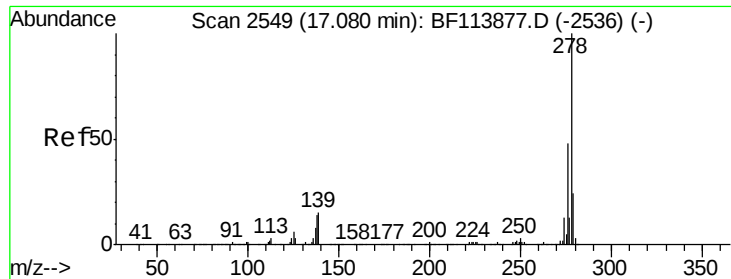
Tot Ion:252 Resp: 1147662
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 8.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.347 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion:252 Resp: 1104030
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 9.5 8.5 12.7



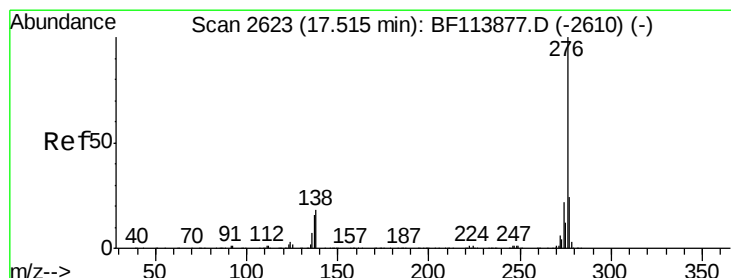
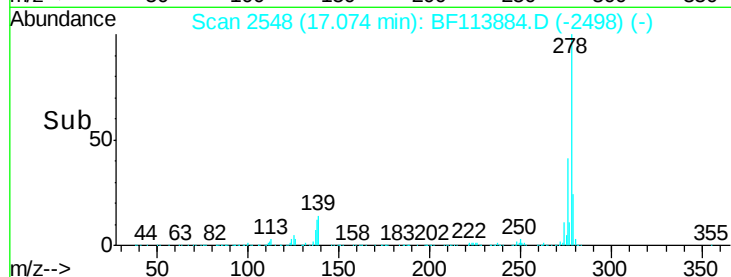
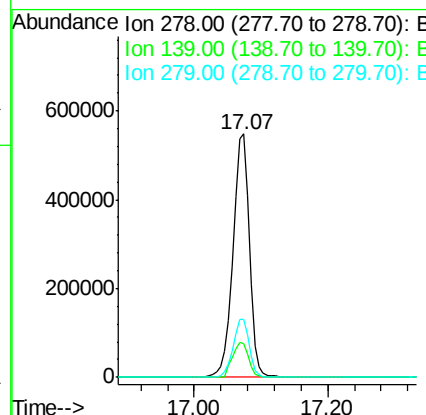
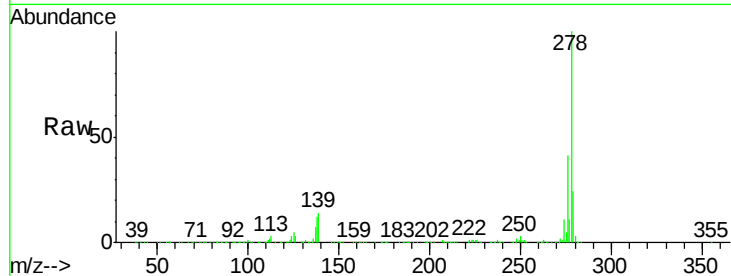


#91
Dibenzo(a,h)anthracene
Concen: 37.350 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 959382

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.6	17.4
279	24.1	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 36.565 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion:276 Resp: 947841

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	19.4	16.6	25.0

